DOCUMENT RESUME

ED 094 786 52 IR 000 987

AUTHOR	Weintraub, D. Kathryn, Ed.; Reed, Sarah R., Ed.
TITLE	North American Library Education; Directory and Statistics 1971-1973.
INSTITUTION	Indiana Univ., Bloomington. Graduate Library School.
SPONS AGENCY	Bureau of Libraries and Educational Technology (DHEW/OE), Washington, D.C.
PUB DATE	74
CONTRACT	OEC-0-73-5151
NOTE	122p.; For related document see IR 001 001
EDRS PRICE	MF-$0.75 HC-$5.40 PLUS POSTAGE
DESCRIPTORS	Degree Requirements; *Directories; Enrollment; Information Science; *Library Education; *Library Schools; Library Technicians; *State of the Art Reviews; *Statistical Data
IDENTIFIERS	Canada; United States

ABSTRACT

Five separate articles summarize library education at the graduate, undergraduate, and technical assistant levels in the United States and library education in Canada and other parts of North America. Statistical tables are included within the explanatory essays. Over 30 pages of statistical tables give information on specific institutions. The 20-page directory of U.S. and Canadian library education programs is arranged geographically. (PF)

ED 094786

North American Library Education

Directory and Statistics

1971 - 1973

a report to the

U.S. OFFICE OF EDUCATION

under Contract No.
OEG-0-73-5151

Edited by

D. KATHRYN WEINTRAUB *and* SARAH R. REED

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INDIANA UNIVERSITY GRADUATE LIBRARY SCHOOL
Bloomington, Indiana
1974

The research reported herein was performed pursuant to a grant with the Office of Education, U.S. Department of Health, Education, and Welfare. Contractors undertaking such projects under Government sponsorship are encouraged to express freely their professional judgment in the conduct of the project. Points of view or opinions stated do not, therefore, necessarily represent official Office of Education position or policy.

Contents

List of Tables v

Introduction i

Chapters

1. U.S. GRADUATE LIBRARY EDUCATION PROGRAMS,
   by Sarah R. Reed, Associate Dean, Graduate Library School, Indiana University, Bloomington, Indiana 3
2. U.S. UNDERGRADUATE LIBRARY EDUCATION PROGRAMS,
   by Sarah R. Reed 17
3. U.S. LIBRARY TECHNICAL ASSISTANT PROGRAMS,
   by Robert D. Little, Chairman, Department of Library Science, Indiana State University, Terre Haute, Indiana 23
4. LIBRARY EDUCATION IN CANADA
   by Kenneth H. Plate, Professor, Faculty of Library Science, University of Toronto, Toronto, Ontario, Canada 29
5. LIBRARY EDUCATION IN NORTH AMERICA OUTSIDE THE UNITED STATES AND CANADA
   by William V. Jackson, Professor, School of Library Science, George Peabody College for Teachers, Nashville, Tennessee, Professor of Spanish and Portuguese, Vanderbilt University, Nashville, Tennessee 35
6. DIRECTORY OF INSTITUTIONS 45
7. TABLES OF LIBRARY EDUCATION PROGRAMS 47

Appendices
APPENDIX A: Responding Institutions Not Included in the Current Directory 107
APPENDIX B: Survey Instruments 111

List of Tables

Page

Introduction

1. Survey Universe: U.S. Library Education Programs, 1973 2
2. Survey Respondents: U.S. Library Education Programs, 1968, 1971, and 1973 2

Chapter I— U.S. Graduate Library Education Programs

1. U.S. Graduate Library Education Programs: Program Respondents 1963, 1965, 1968, 1971, and 1973 3
2. Officials to Whom Heads of Graduate Library Education Programs Reported, 1970 and 1973 3
3. Size of Faculties of U.S. Graduate Library Education Programs, Fall 1970 and Fall 1973: Full-time Faculty 4
4. Number of Full-Time and Part-Time Faculty in U.S. Graduate Library Education Programs in Fall 1967, 1970, and 1973 4
5. Salaries of Heads of U.S. Graduate Library Education Programs, 1967/68, 1970/71, and 1973/74 5
6. High and Low 9-Month Salary of Full-time U.S. Graduate Library Education Program Faculty, 1967/68, 1970/71, and 1972/73 5
7. Salaries in Thousands of Full-time Faculty Employed on a 9-10 Month Basis in Graduate Library Education Programs by Accreditation, Geographic Region, and Rank, Fall 1973 6
8. Salaries in Thousands of Full-Time Faculty Employed on an 11-12 Month Basis in Graduate Library Education Programs by Accreditation, Geographic Region, and Rank, Fall 1973 6
9. Number of Support Staff of Graduate Library Education Programs, Fall 1973 7
10. 1973/74 Curricular Offerings in Semester Hours in Graduate Library Education Programs by Level and Type of Program 7
11. Courses in Instructional Technology and Information Science and Automation Available to Graduate Library Education Students in 1973/74 8
12. Student Enrollment in U.S. Schools Reporting Graduate Library Education Programs (Total Number of Students Reported) 1969-1973 8
13. Undergraduate Enrollments in U.S. Schools Reporting Graduate Programs, Fall 1969 Through Fall 1973 9
14. Masters Enrollments in U.S. Schools Reporting Graduate Programs, Fall 1969 through Fall 1973 10
15. Advanced Study Enrollments in U.S. Schools Reporting Graduate Programs, Fall 1969 through Fall 1973 10
16. Summer Session Enrollments in U.S. Graduate Library Education Programs, Summers 1970, 1972, and 1973 11
17. Graduate Degrees Awarded by U.S. Graduate Library Education Programs 1969/70 and 1972/73 including Respective Summer Sessions 12
18. Graduate Library Education Programs: Projection of Number of Degrees to be Awarded, 1973/74-1977/78 12
19. Salaries of 1972/73 Graduates by Type of Library 13
20. Financial Support of U.S. Graduate Library Education Programs by Accredited Status and Level of Program, 1969/70, 1972/73, and 1973/74 13
21. Financial Support, ALA-accredited Programs, by Level of Program, 1969/70, 1972/73, and 1973/74 14
22. Federally Supported Fellowships in ALA-accredited Graduate Library Education Programs 15

23. Number of Federally Supported Institutes Sponsored by ALA-accredited Graduate Library Education Programs 15
24. Median Salaries of Graduate Library Education Program Faculties, 1963/64 and 1973/74 16
25. Library Science Degrees Awarded by Graduate Library Education Programs, 1963/64 and 1972/73 16

Chapter II—U.S. Undergraduate Library Education Programs

1. Undergraduate Program Faculty by Year 17
2. Undergraduate Program Enrollment 18
3. Projection of BLS Degrees to be Awarded 18
4. Beginning Monthly Salaries Reported by Undergraduate Programs 18
5. Undergraduate Program Expenditures 1972/73 19
6. Undergraduate Program Budgets 1973/74 20
7. Undergraduate Programs Total Expenditures 1972/73 and Budgets 1973/74 20

Chapter III—U.S. Library Technical Assistant Programs

1. Library Technical Assistant Programs by Geographic Location 24
2. Enrollment Data for Two-Year Library Technical Assistant Programs 25
3. Enrollment Data for One-Year Library Technical Assistant Programs 25
4. Library Technical Assistant Program Faculty, Fall 1973 26
5. Expenditures for Library Technical Assistant Programs, 1972/73-1973/74 26
6. Two-Year Associate Degrees Granted, 1971/72-1972/73 26
7. Technical Assistant Certificates Granted, 1971/72-1972/73 26
8. Placement and Monthly Salary Data for Library Technical Assistant Programs, 1970/71-1972/73 27

Chapter IV—Library Education in Canada

1. Total Enrollment in Canadian Graduate Library School Programs, 1971-1973 29
2. Full-Time Enrollment in Graduate Library School Programs by Sex 30
3. Number of Degrees Granted, 1971-1973 30
4. Placement by Type of Library, 1971-1973 31
5. Monthly Beginning Salaries by Type of Library, 1971-1973 31
6. Graduate Library Education Programs: Number of Faculty and Staff by Province and Institution, Fall 1973 31
7. Graduate Library Education Programs: Salaries, Fall 1973 32
8. Faculty of Education School Librarianship Enrollments by Province and Year 32
9. Number of Faculty and Credit Hours Taught by Faculty of Education School Librarianship Programs, Fall 1973 32
10. Number of Course Hours Offered and Enrollments in Library Technician Programs, Fall 1971, 1972, and 1973 33
11. Degrees, Placements, and Salaries in Library Technician Programs, 1971-1973 34

Chapter VII—Tables of U.S. Library Education Programs

A. Graduate Library Education Programs: Enrollment Data by State and Institution, 1971-1973 68
B. Graduate Library Education Programs: Curricular Offerings and Placement of Graduates by State and Institution, 1971-1973 74
C. Graduate Library Education Programs: Number of Degrees Awarded 1972/73 and Projection of Number of Degrees to be Awarded 1973/74-1977/78 by State and Institution 77
D. Graduate Library Education Programs: Number of Faculty and Staff by State and Institution, Fall 1973 80
E. Graduate Library Education Programs: Parent Institution by Category of Support for 1972/73 and 1973/74 82
F. U.S. Graduate ALA-accredited Library Education Programs: Financial Support by Source of Income for 1972/73 and 1973/74 94
G. U.S. Graduate Nonaccredited Library Education Programs: Financial Support by Source of Income for 1972/73 and 1973/74 96
H. Selected Data on Undergraduate Programs by State and Institution, 1971-1973 98
I. Selected Data on Library Technical Assistant Programs by State and Institution, 1971-1973 102

Acknowledgement

The *NALEDS* editors wish to express our appreciation to all of those who made the 1971-1973 edition possible. Our special thanks go to Kriss Ostrom for her assistance in preparing the *Directory* for publication and assuming major responsibility in all phases of the project.

Introduction

At its Midwinter Meeting in Los Angeles in 1971, the LAD LOMS Statistics for Library Education Committee of the American Library Association encouraged Indiana University to explore possible funding from the U.S. Office of Education for the preparation of the 1971-73 edition of the *North American Library Education Directory and Statistics.* This Committee action was supported by Al Trezza, Chairman of the ALA LAD LOMS Committee and Director of the Illinois State Library; Thomas P. Slavens, President of the Association of American Library Schools and a member of the University of Michigan School of Library Science faculty; and by Peter Hiatt, President of the ALA Library Education Division and now Director of the University of Washington School of Librarianship.

With the help of a number of people with expertise in library education statistical surveying, a proposal for a small grant to cover the technical operations involved in conducting a survey was developed and the instruments to be used for the survey were refined. Mr. Paul Janaske, Bureau of Libraries and Learning Resources, and Frank L. Schick, Chief of the Library Surveys Branch of the National Center for Educational Statistics, both of the U.S. Office of Education, were contacted and provided invaluable assistance.

Grant OEG-O-73-5151, approved to begin July 1, 1973, expired June 30, 1974. Robert D. Little, Chairman of the Department of Library Science, Indiana State University, agreed to update his 1969-1971 *Directory* chapter on "Library Technical Assistant Programs in the United States." Kenneth H. Plate of the Faculty of Library Science, University of Toronto, conducted the Survey of Library and Information Science Education Programs, 1971-1973, in Canada. William V. Jackson of the School of Library Science faculty, George Peabody College for Teachers, who spent the summer of 1973 in Brazil, Uruguay, Colombia, and Jamaica, surveyed library education in schools in the neighboring countries to the south of the United States.

NALEDS 1971-1973 is the latest in a series of surveys originating in the United States Office of Education in 1963 and as such forms a part of the national library education statistical program. For library educators, counselors, and librarians generally, it serves as a directory of the various library education programs in the American orbit and provides a data base for library education planning and development. The inclusion of trend data will increase its usefulness in planning for effective education and utilization of library personnel.

Graduate library education and information science programs, undergraduate programs, and library technical assistant programs in the United States, in Canada, and in selected countries south of the U.S. border are included.

Reporting for U.S. programs is on the basis of returns to the questionnaire which is reproduced in Appendix B of this publication and which was mailed out initially in October 1973. As shown in Tables 1 and 2 the responses from the U.S. survey universe were not so good as in either of the two previous surveys, even though follow-up surveys were conducted in December 1973, and in January, March, and April of 1974. Reporting for programs to the north and to the south of the United States is discussed in chapters by Plate and Jackson respectively.

SOME UNRESOLVED QUESTIONS

Among the questions relative to *NALEDS* which require attention are the following: (1) What agency should be responsible for future surveys of library and information science education programs? (2) How often is such a survey needed? (3) Should a brief interim survey be conducted between major surveys? If so, what categories of information should be included? (4) Is it feasible to establish *NALEDS* on a self-supporting basis? (5) Should the Minority Enrollment Survey being undertaken for the fourth year in the spring of 1974 by the American Library Association be incorporated into the national survey, or is this feasible from the point of view of timing?

In the latter survey all *NALEDS* programs (U.S.) will be queried. The minority group categories used are the four required by HEW and other agencies in the reporting in conjunction with affirmative action programs. Reporting is by minority group and by type of program (fifth year accredited, fifth year non-accredited, post-masters, Ph.D., undergraduate, and library technical assistant). The information reported includes student enrollment, number of degrees expected, and number of faculty representing each of the minority groups included in the survey.

TABLE 1 Survey Universe: U.S. Library Education Programs, 1973

Type of Program	Total Number of Programs Surveyed	Number of Respondents			
		Supplying Statistical Information	Reporting Program Not Currently Offered	Total	Percentage of Total Programs Surveyed
Graduate, ALA-accredited	53	52	0	52	98
Graduate non-ALA accredited	84	63	2	65	77
Undergraduate	230	155	15	170	74
Library Technical Assistant	194	59	63	122	63
Total	561	329	80	409	73

TABLE 2 Survey Respondents: U.S. Library Education Programs, 1968, 1971, and 1973

Type of Program	Number of Respondents		
	1968	1971	1973
Graduate, ALA-accredited	39	49	52
Graduate, non-ALA-accredited	78	76	63
Undergraduate	183	195	155
Library Technical Assistant	57	72	59
Total	357	392	329

CONCLUDING RECOMMENDATIONS

It is recommended that insofar as possible the *NALEDS* form be synchronized with the ALA Committee on Accreditation *Annual Report* forms. It is essential to eliminate unnecessary duplication of effort both in responding to two different survey forms and in attempting to keep records responsive to both forms. It would eliminate this duplication if a single form could be developed so that copies of such a statistical report form could be made available to both COA and *NALEDS*. Cooperative surveying of this kind would also involve dovetailing of schedules so that the mailing to *NALEDS* schools could be an extension of the COA *Annual Report* survey of ALA-accredited graduate library schools.

It is also recommended that the current *NALEDS* report form for undergraduate and technical assistant programs be divided into two forms—one for undergraduate programs and one for technical assistant programs. In this event, the *NALEDS* survey(s) presumably would retain the blue form used previously for graduate program reporting and perhaps adopt new colors for the new forms for undergraduate program reporting and for technical assistant program reporting.

It is urged that appropriate attention be given to planning for the establishment and maintenance of a data bank which will provide valid, reliable, trend data adequate to support research and development in the areas of recruitment, education, and utilization of library personnel.

U.S. Graduate Library Education Programs

Sarah R. Reed

In the 1971-1973 survey of graduate library and information science education programs located in the U.S., responses were received from 52, or 98 percent, of the 53 ALA-accredited graduate programs and from 64, or 78 percent, of the non-ALA-accredited graduate programs. Graduate programs reported as having been phased out are those of Immaculate Heart College, University of Portland, and Marywood College. The latter, however, is in a transitional period during which time it is developing new programs including a school librarianship certification program.

As shown in Table 1, the number of ALA-accredited library schools continues to increase. In the decade between 1963 and 1973, the increase in the number of accredited schools was 71 percent.

TABLE 1. U.S. Graduate Library Education Programs: Program Respondents 1963, 1965, 1968, 1971, and 1973

	Number of Programs Responding				
Status of Program	*1963*	*1965*	*1968*	*1971*	*1973*
ALA-accredited	31	32	39	49	52*
Nonaccredited	55	70	78	76	63
Total	86	102	117	125	115

*Includes all but 1 of the ALA-accredited library schools in the United States.

It might be noted also that 28, or 85 percent, of the 33 U.S. schools which were Associate members of the Association of American Library Schools (AALS) as of January 1974 are represented in the current survey. This means that 93 percent of the 86 U.S. schools which were either AALS members or AALS Associate members at the time of the survey responded.

Administration of Graduate Programs

The title, status, and authority of the school's executive officer usually reflect the graduate library education program's position within the academic structure of the respective institution. The only category of academic official listed in the survey and reported in Table 2 to whom a larger percentage of the respondents—both in ALA and non-ALA accredited schools—reported now than in the previous survey is characterized as Dean of College. Most non-ALA programs specified that this official was the Dean of the School of Education.

TABLE 2. Officials to Whom Heads of Graduate Library Education Programs Reported 1970 and 1973

	ALA-accredited Programs				*Nonaccredited Programs*			
	1970		*1973*		*1970*		*1973*	
Officials	*No.*	*%*	*No*	*%*	*No.*	*%*	*No.*	*%*
President or Chancellor	9	20	11	22	5	6	0	0
Vice-President or Vice-Chancellor	18	39	19	38	9	11	8	15
Dean of College	3	6	6	12	38	48	30	55
Dean of Graduate School	9	20	5	10	6	8	7	13
Other	7	15	9	18	21	27	9	17
Total	46	100	50	100	79	100	54	100

In the 4 programs accredited since the previous survey, 2 heads of program report to a dean, 1 to a vice president or vice chancellor and 1 to a provost. In 1 of the non-accredited schools and in 6 of the 9 accredited schools in which the heads of the schools report to an official other than the 4 specified, they report to a provost. Several specified that this is a provost for professional schools. In the next survey it would be interesting to obtain more information about this new administrative echelon as it affects graduate library school programs. It will be important too to ascertain whether the shifts of administrative responsibility for graduate library education programs in the non-accredited schools from the president or chancellor to a vice president or vice chancellor or to an appropriate dean have any major repercussions for these programs and whether such shifts are part of general administrative reorganizations. Several of the schools in each category report to 2 different officials for different aspects of their programs.

Faculty

One of the surprises in this statistical report is that the median number of full-time faculty of both accredited and nonaccredited programs was the same in 1973 as in 1970. (See Table 3.) At the same time in the accredited programs there is less dependence upon part-time faculty. (See Table 4.) With the pressures on schools in all parts of the country to expand and renovate their offerings for both pre-service and continuing education students, at least a very moderate increase in number of faculty in the nation's graduate library education programs might have been expected. With the increase in student enrollments, this presumably means either a substantially higher faculty-student ratio or, if more sections are being offered without any increase in number of faculty, it would mean heavier teaching loads.

The disparities between faculty resources in programs which have a corps of up to 20 full-time faculty members and those which still depend entirely upon part-time faculty must be great. (See Table D, Chapter VII.)

The salaries of heads of graduate library education programs also show marked variations. A glance at Table 5 reveals that the median salary for accredited heads of programs in 1973/74 falls within what was the top interval of the previous survey. The 1973/74 median of $27,000 exceeds that for 1967/68 by $6,000, or about 22 percent. The comparable median of $20,000 for nonaccredited heads is $4,000, or 25 percent, above the $16,000 median salary of 1967/68. Whereas the median salary for accredited program heads increased from $23,000 to $27,000 between 1970/71 and 1973/74, or 17 percent; in the nonaccredited programs the comparable increase was from $15,000 to $20,000, or a 33 percent increase. Again, this may reflect the commitment of the nonaccredited program faculty to work towards accreditation and to bid competitively for competent program directors.

In accredited programs the rate of increase in faculty salaries between 1967/68 and 1972/73 (see Table 6) ranged from 31 percent for the highest salary reported at the rank of assistant professor to 93 percent for the highest salary reported at the rank of associate professor. For all salary ranks the median rate of increase for these years is 56 percent.

For the nonaccredited programs, the rate of increase ranged from 13 percent for the lowest salary reported at the assistant professor rank to 80 percent for the lowest salary reported at the instructor rank. The median rate of increase is 48 percent.

The average rate of increase for various academic ranks in the accredited schools is 58 percent for the highest salaries reported; for the lowest salaries reported, 66 percent. In the nonaccredited schools, the average rate of increase for the highest salaries reported is 46 percent; for the lowest salaries reported, 45 percent. Various equity programs as well as across-the-board cost of living increases may have influenced the accredited programs to allocate proportionately more funds for increasing their lowest salaries.

An inspection of the salaries of full-time faculty as

TABLE 3. Size of Faculties of U.S. Graduate Library Education Programs, Fall 1970 and Fall 1973 Full-Time Faculty

Year and Type of Program	*Total No. Programs*	*Total Number of Faculty*		*Number of Schools with Given Number of Faculty*				*Number of Faculty Per Program*		
	Reporting	*Full-Time*	*Part-Time*	*0-5*	*6-10*	*11-15*	*16+*	*High*	*Low*	*Median*
Fall 1970										
Accredited	45	499	257	1	20	17	7	21	5	11
Nonaccredited	67	307	209	49	13	5	0	13	1	4
Total	112	806	466							
Fall 1973										
Accredited	52	601	248	1	19	25	7	19	4	11
Nonaccredited	57	244	160	37[a]	18	1	1	20	0	4
Total	109	845	408							

[a] Seven Schools have no full-time faculty.

TABLE 4. Number of Full-Time and Part-Time Faculty in U.S. Graduate Library Education Programs in Fall 1967, 1970, and 1973

	ALA-accredited Schools						*Nonaccredited Schools*					
	Fall 1967 (N = 37)		*Fall 1970 (N = 46)*		*Fall 1973 (N = 52)*		*Fall 1967 (N = 43)*		*Fall 1970 (N = 70)*		*Fall 1973 (N = 57)*	
Faculty	*No.*	*%*	*No.*	*%*	*No.*	*%*	*No.*	*%*	*No.*	*%*	*No.*	*%*
Full-Time	333	63	499	66	601	71	158	58	307	60	244	60
Part-Time	192	37	257	34	248	29	113	42	209	40	160	40
Total	525	100	756	100	849	100	271	100	516	100	404	100

TABLE 5. SALARIES OF HEADS OF U.S. GRADUATE LIBRARY EDUCATION PROGRAMS, 1967/68, 1970/71, AND 1973/74

Salary	*Accredited Schools* 1967/68 (N = 23)	1970/71 (N = 39)	1973/74 (N = 46)	*Nonaccredited Schools* 1967/68 (N = 18)	1970/71 (N = 58)	1973/74 (N = 40)
1	*2*	*3*	*4*	*5*	*6*	*7*
$34,000 and over			3			0
32,000-33,999			6			0
30,000-31,999			7			1
28,000-29,999			3			0
26,000-27,999[a]		11	10[b]		3	4
24,000-25,999		6	3		0	1
22,000-23,999		12[b]	6		5	6
20,000-21,999[c]	16[b]	2	4	3	3	8[b]
18,000-19,999	0	6	1	0	6	7
16,000-17,999	4	1	2	3	11	4
14,000-15,999	2	1	1	3[b]	18[b]	8
Under 14,000	1	0	0	9	12	1

[a] Highest category on the 1970/71 questionnaire was $26,000 and over.

[b] The medians are as follows: column 2—$21,000; column 3—$23,000; column 4—$27,000; column 5—$14,000; column 6—$15,000; column 7—$20,000.

[c] Highest category on the 1967/68 questionnaires was $20,000 and over.

TABLE 6. HIGH AND LOW 9-MONTH SALARY OF FULL-TIME U.S. GRADUATE LIBRARY EDUCATION PROGRAM FACULTY, 1967/68, 1970/71, AND 1972/73

Faculty Rank	*Accredited Schools* 1967/68 (N = 37)	1970/71 (N = 38)	1973/74 (N = 46)	% Increase 1967/68-1973/74	*Nonaccredited Schools* 1967/68 (N = 18)	1970/71 (N = 56)	1973/74 (N = 37)	% Increase 1967/68-1973/74
1. Instructor—High	$11,000	$16,000	$17,000	55	$10,000	$14,000	$15,000	50
2. Instructor—Low	5,000	8,000	9,000	80	5,000	6,000	9,000	80
3. Asst. Prof.—High	13,000	18,000	17,000	31	14,000	18,000	19,000	36
4. Asst. Prof.—Low	7,000	8,000	11,000	57	8,000	6,000	9,000	13
5. Assoc. Prof.—High	14,000	20,000	27,000	93	13,000	24,000	19,000	46
6. Assoc. Prof.—Low	8,000	10,000	11,000	38	10,000	8,000	13,000	30
7. Professor—High	20,000	26,000+	31,000	55	15,000	22,000	23,000	53
8. Professor—Low	8,000	8,000	15,000	88	11,000	14,000	17,000	55
9. Asst./Assoc. Head High	—	—	29,000	—	—	—		
10. Asst./Assoc. Head Low	—	—	11,000	—	—	—		
11. Other—High[a]		—	19,000	—	—	—	13,000	
12. Other—Low	—	—	8,000	—	—	—	8,000	—

[a] The "Other" category on the questionnaire was used consistently for the position of lecturer.

reported in Tables 7-8 shows that there is some regional variation among both the accredited and the nonaccredited programs. An average of the median salaries in the accredited schools indicates that salaries in the Midwest are the highest on the 11-12 month basis and that those on the Southeast are the lowest on the 9-10 month basis. The 11-12 month salaries of faculties in the West and Southwest tend to be slightly higher than those of the Northeast, but the reverse is true for the 9-10 month salaries.

STAFF

The total number of full-time staff members reported by 94 graduate library education programs in the fall of 1973 was 229 compared with 406 reported by 119 programs in the fall of 1970. The number of part-time staff members reported for 1973 was 438. The corresponding figure for 1970 was 478.

The average number of full-time support staff per program, then, was 2.4 in 1973 compared with 3.4 for 1970; corresponding reporting for part-time staff was 35 for 1973; 40 for 1970.

In 1973 (Table 9) respondents reported their basic categories of staff as follows:

Librarians	
Full-time	61
Part-time	29

TABLE 7. SALARIES IN THOUSANDS OF FULL-TIME FACULTY EMPLOYED ON A 9-10 MONTH BASIS IN GRADUATE LIBRARY EDUCATION PROGRAMS BY ACCREDITATION, GEOGRAPHIC REGION, AND RANK, FALL 1973

Faculty Position by Type of Program	*Northeast*			*Southeast*			*Midwest*			*West/Southwest*		
	High	*Median*	*Low*	*High*	*Median*	*Low*	*High*	*Median*	*Low*	*High*	*Median*	*Low*
ALA-accredited												
Head	31	—	19	—	21	—	—	23	—	—	—	—
Asst./Assoc. Head	29	21	13	15	—	11	15	—	13	—	19	
Professor	31	21	15	27	19	15	29	21	15	29	21	15
Assoc. Professor	27	17	13	19	15	11	21	15	13	19	17	15
Asst. Professor	17	15	13	17	13	11	17	15	11	17	15	11
Instructor	17	15	11	13	11	9	13	11	11	—	9	
Lecturer	17	13	9	—	11	—	15	13	11	19	15	11
Nonaccredited												
Head	21	21	15	23	17	15	27	19	15	21	15	11
Asst./Assoc. Head	—	—	—	—	—	—	—	15	—	—	—	—
Professor	—	—	—	19	—	17	21	—	19	—	17	—
Assoc. Professor	19	17	13	19	15	13	19	17	13	15	15	13
Asst. Professor	15	13	11	19	13	9	17	13	11	15	13	13
Instructor	15	14	11	13	11	11	11	9	9	—	11	—
Lecturer	—	—	—	—	[a]	—	—	13				—

[a] Three salaries under $8,000, the lowest interval on the questionnaire, were reported.

TABLE 8. SALARIES IN THOUSANDS OF FULL-TIME FACULTY EMPLOYED ON AN 11-12 MONTH BASIS IN GRADUATE LIBRARY EDUCATION PROGRAMS BY ACCREDITATION, GEOGRAPHIC REGION, AND RANK, FALL 1973

Faculty Position by Type of Program	*Northeast*			*Southeast*			*Midwest*			*West/Southwest*		
	High	*Median*	*Low*	*High*	*Median*	*Low*	*High*	*Median*	*Low*	*High*	*Median*	*Low*
ALA-accredited												
Head	34[a]	29	17	33	23	17	33	27	13	34	27	23
Asst./Assoc. Head	25	18	11	23	—	15	25	19	17	23	21	17
Professor	27	25	21	—	—	—	31	27	15	31	25	25
Assoc. Professor	19	17	17	—	—	—	17	—	15	—	21	—
Asst. Professor	17	17	15	—	—	—	17	15	13	—	19	—
Instructor	17	17	15	—	—	—	15	—	9	15	14	11
Lecturer	15	13	13	—	15	—	—	19	—	15	11	9
Nonaccredited												
Head	—	27	—	31	21	17	27	23	19	23	23	19
Asst./Assoc. Head	—	—		—	25	—	—	—	—	—	—	—
Professor	—	—	—	31	—	25	25	—	23	—	11	—
Assoc. Professor	—	—	—	—	17	—	23	21	17	15	—	11
Asst. Professor	—		—	15	15	11	19	15	13	15	14	11
Instructor	—	—	—	13	11	9	—	13	—	—	15	—
Lecturer	—	—	—	—	—	—	—	13	—	—	—	—

[a] The top interval on the questionnaire was $34,000 and over.

Secretaries	
Full-time	76
Part-time	23
Clerical	
Full-time	44
Part-time	110
Other	
Full-time	48
Part-time	166

In an effort to establish a basis for comparing the reporting of numbers of support staff in 1973 and 1970, the reports of the 75 graduate programs which reported in both years were compared. The total full-time staff in these 75 programs for 1973 was 279, or 3.7 per program, compared with 323 or 4.3 per program for 1970. This is a 14 percent decrease in full-time staff. In this 3-year period 25 respondents reported the same number of full-time staff in both years; 32 reported a decrease; 18 reported an increase.

Programs can probably not be criticized for cutting back on staff support if that is the only alternative to cutting back on faculty positions. On the other hand, it is questionable whether reductions in support staff are a real economy. If such reductions result in the faculties' typing their own stencils and correspondence and answering telephones, it may well be a false economy that eventually will be reflected in the quality of faculty teaching and research.

CURRICULUM

In Table B of the statistical report, the course credit hours are given as semester or quarter hours depending upon the organization of the school year indicated in Table A. For comparative purposes, course credit hours as reported in Table 10 have been converted into semester hours.

As has been true in the past, the range in course hours offered in both accredited and nonaccredited programs is great: from 68 to 234 semester hours in the accredited; from 10 to 180 in the nonaccredited. The median number of semester hour offerings in accredited schools (120) is exactly twice that of the nonaccredited schools (60). The median of .5 semester hours offered for undergraduate credit only in the accredited programs contrasted with 6 semester hours for the nonaccredited programs shows the usual emphasis on these programs in the nonaccredited schools. The median number of semester hours for courses open to both graduates and undergraduates is 10 for the accredited and 17.5 for the nonaccredited. Such a difference is consistent with programming for the larger proportion of undergraduate students in the latter programs. As might be expected, the situation is reversed in the median number of semester hours for courses carrying primarily graduate credit: 94 in the accredited and 28 in the nonaccredited programs, and for courses open only to advanced graduate students, 5 and 0, respectively. Of those accredited schools which reported advanced graduate students enrolled in the fall of 1973, 5 did not offer any advanced courses; the highest number of hours of advanced course work offered is 111; the median is 12.

TABLE 9. NUMBER OF SUPPORT STAFF OF GRADUATE LIBRARY EDUCATION PROGRAMS, FALL 1973

Positions by Type of Program	*Number of Staff Reported*
ALA-accredited Programs (N = 49)	
Librarians	
Full-Time	38
Part-Time	17
Secretaries	
Full-Time	39
Part-Time	16
Clerical Staff	
Full-Time	33
Part-Time	75
Other	
Full-Time	31
Part-Time	92
Nonaccredited Programs (N = 45)	
Librarians	
Full-Time	23
Part-Time	12
Secretaries	
Full-Time	37
Part-Time	7
Clerical Staff	
Full-Time	11
Part-Time	35
Other	
Full-Time	17
Part-Time	74

The median number of semester hours required for completion of a masters degree is 36 in the accredited schools; 32 in the nonaccredited schools. As indicated in Table 10 a relatively small number of accredited programs offer either an undergraduate major or minor. In the unaccredited programs the undergraduate minor of 18 semester hours is the more common program. Of the 43 nonaccredited programs reporting on this item, only 7 do not offer a minor; of the 50 respondents from accredited programs, 34 do not offer an undergraduate minor. Of the 16 programs reporting a minor, the median in semester hours is 18.

TABLE 10. 1973/74 CURRICULAR OFFERINGS IN SEMESTER HOURS IN GRADUATE LIBRARY EDUCATION PROGRAMS BY LEVEL AND TYPE OF PROGRAM

	Program					*Credit Hr. Rqmnts.*		
	Total Credit Hr. Offerings	*Undergraduate Only*	*Undergraduate & Graduate*	*Graduate*	*Advanced Graduate*	*Undergrad Minor*	*Undergrad Major*	*Masters*
ALA-accredited								
High	234	18	141	172	111	36	21	50[a]
Median	120	0.5	10	94	5	0[b]	0[b]	36
Low	68	0	0	0	0[b]	0[b]	0[b]	26
Nonaccredited								
High	180	44	114	108	39	36	27	61
Median	60	6	17.5	28	0[b]	0[b]	18	32
Low	10	0	0	3	0[b]	0[b]	0[b]	22

[a] The UCLA 2-year program requirement is not included here.

[b] Includes respondents who indicate not applicable.

TABLE 11. COURSES IN INSTRUCTIONAL TECHNOLOGY AND INFORMATION SCIENCE AND AUTOMATION AVAILABLE TO GRADUATE LIBRARY EDUCATION STUDENTS IN 1973/74

Courses by Type of Program	*No. Programs Reporting*	*No. Programs Requiring Courses*	*No. Courses Available*							
			0	*1*	*2*	*3*	*4*	*5*	*6*	*7+*
Instructional Technology Courses Accepted for Credit										
ALA-accredited programs										
Taught in Program	48	3	13	4	15	6	5	1	2	2
Taught by Other Departments/Schools	38	—	4	2	11	2	4	1	4	10
Nonaccredited Programs										
Taught in Program	43	31	14	10	3	5	2	1	4	4
Taught by Other Departments/Schools	35	—	8	5	4	4	3	1	5	5
Information Science and Automation Courses Accepted for Credit										
ALA-accredited Programs										
Taught in Program	50	14	1	6	8	11	4	3	3	14
Taught by Other Departments/Schools	35	—	9	7	7	4	2	0	1	5
Nonaccredited Programs										
Taught in Program	30	11	13	9	7	0	0	1	0	0
Taught by Other Departments/Schools	23	—	17	2	1	1	0	2	0	0

Again this year a question was included in the survey to secure information on the role of instructional technology and information science and automation in the curriculum of graduate library education programs. As indicated in Table 11 the replies were incomplete. In these programs the median number of courses offered in the accredited group in instructional technology and in information science is 2, compared with a median number of 1 in each area in the nonaccredited programs.

While 31 out of 43 respondents from the nonaccredited programs reported that a course in instructional technology is required, only 3 respondents from the accredited schools responded similarly. In addition, there were several notes to the effect that such courses are required for those specializing in school librarianship.

Only 4 respondents from the accredited schools indicated that no instructional technology courses were taught by other departments or schools and accepted for credit compared with 8 such responses from the nonaccredited schools.

In the areas of information science and automation 14 accredited programs and 11 nonaccredited programs reported requiring such a course. Only 1 of the former contrasted with 13 of the latter does not offer at least 1 course in this area. 9 of the accredited and 17 of the nonaccredited reported no such courses available for credit from other departments or schools.

In 29 of the nonaccredited and 3 of the accredited programs students are required to learn to operate audiovisual equipment. In other programs these skills are taught in elective courses, in non-credit laboratories, or in a variety of individualized and group assignments.

Students in the library education programs in 36 of the accredited and in 16 of the nonaccredited schools learn to use computers. In 6 other programs they can elect courses involving the use of computers.

ENROLLMENT

The data on enrollment are incomplete. Some schools indicated that no records of summer session enrollment are available; others do not have the necessary records for reporting undergraduate enrollment. The information available is summarized in Table 12. In using this data it should be remembered that the schools represented may vary from one year to another.

Spread over the 5 years reported in Table 12, there has been an 18 percent increase in graduate library education program enrollments. The 1970 enrollments increased 6 percent over those of 1969; the 1971 enrollments decreased 2 percent; the 1972 enrollments increased 5 percent; and 1973 enrollments increased 9 percent.

TABLE 12. STUDENT ENROLLMENT IN U.S. SCHOOLS REPORTING GRADUATE LIBRARY EDUCATION PROGRAMS (TOTAL NUMBER OF STUDENTS REPORTED) 1969-1973

Level	*Number of Students Enrolled*				
	1969	*1970*	*1971*	*1972*	*1973*
Undergraduate	4,999	4,076	4,712	4,258	4,441
Masters	11,626	12,756	12,201	12,902	13,919
Post-Masters	201	222	127	265	401
Doctoral	334	376	324	325	375
Special	629	850	492	437	487
Others	–	–		476	731
Total	17,289	18,280	17,856	18,663	20,354

TABLE 13. UNDERGRADUATE ENROLLMENTS IN U.S. SCHOOLS REPORTING GRADUATE PROGRAMS, FALL 1969 THROUGH FALL 1973

Year and Type of Program	*Total No. Programs Reporting*	*Total No. Students*	*Number of Students Per Program*		
			High	*Low*	*Mediam*
ALA-accredited					
Fall 1969	23	1,367	413	8	151
Fall 1970	20	1,192	137	5	55
Fall 1971	25	1,742	226	1	55
Fall 1972	26	1,382	190	1	42
Fall 1973	27	1,066	180	1	31
Nonaccredited					
Fall 1969	45	3,132	287	3	54
Fall 1970	46	2,884	289	2	43
Fall 1971	31	2,970	565	1	75
Fall 1972	32	2,876	369	4	71
Fall 1973	46	3,375	320	1	42

Undergraduate Enrollments

As indicated in Table 13 the median number of undergraduate enrollments in ALA-accredited programs continues to decrease. The fluctuation of the median undergraduate enrollment in the nonaccredited schools can be attributed in part to the problem of availability of reliable records and in part to the fact that in any given year the group of schools reporting is likely to differ.

Masters Enrollments

The marked increase in median enrollment at the masters level in the accredited schools can be attributed to major increases in a relatively few schools and to the increase in the number of ALA-accredited library schools.

Because educators and employers are concerned about the tight employment, it is interesting to compare the fall masters enrollments of those schools which were accredited and which reported enrollments for both 1972 and 1973. A reading of Table A of the statistical report shows that enrollment reports from this group of schools records a decrease in enrollment in 24 of the schools (in 11 schools the decrease is from 10 to 52 students) and an increase in 22 schools (in 16 of these schools the increase is from 10 to 91 students); 1 school maintained the same enrollment.

The differences among accredited schools and between accredited and nonaccredited schools concerning admissions is demonstrated further in the information on degree projections reported below. In the majority of accredited schools, however, faculties are attempting to hold the line on enrollments until the present employment situation eases; other faculties apparently feel responsibility only for the quality of their programs and not for the employment problems encountered by their graduates.

In the nonaccredited programs the median number of enrollees continues to be low in comparison with that of the accredited programs. In 1973, for example, the median enrollment in the former schools is 13 compared to 104 for the accredited programs. (See Table 14.) The ratio of full-time to part-time students in nonaccredited schools continues to be substantially below that for the accredited group. In 1973, about 30 percent of the students in nonaccredited compared with over 50 percent in the accredited programs were reported as full-time.

Advanced Study Enrollments

The post-masters enrollments in accredited schools would have shown a decrease this year if the enrollment of the Graduate School of Library Service of the University of California at Los Angeles had not been included. UCLA reported 151 students now enrolled in its new 2-year masters program at this level (see Table 15). In the nonaccredited schools the increase in median enrollment at the post-masters level may be due to the introduction of integrated media curricula which are especially appealing to those working for state certification as school media personnel.

Unlike many other fields of endeavor, library education has few sources of support for doctoral students. With the decreasing federal support for doctoral fellowships, the median full-time doctoral enrollment will probably continue to drop, as it did in 1972 and again in 1973. (See Table 15.) This change is already apparent in the quantity and quality of applicants available for faculty recruitment. Members of the profession should give serious attention to this situation, for without significant doctoral programs the quality of all library development activities will suffer. It is clear that library education today is facing a return to the situation in the mid-1960's when the number of doctoral graduates in any one year was under 20. Since that time the number of ALA accredited schools has increased over 70 percent and the sophistication of the library research and development needed to support programming and teaching is indeed far removed from that of a decade ago. If all of librarianship is not to suffer irrevocably, some

TABLE 14. MASTERS ENROLLMENTS IN U.S. SCHOOLS REPORTING GRADUATE PROGRAMS, FALL 1969 THROUGH FALL 1973

Enrollments by Status of Program and Year	*Total No. Programs Reporting*	*Total No. Students*	*Number of Students Per Program*		
			High	*Low*	*Median*
Full-Time Masters					
ALA-accredited					
Fall 1969	45	4,284	230	8	95
Fall 1970	46	4,282	208	31	97
Fall 1971	52	5,103	200	19	95
Fall 1972	52	5,394	186	25	94
Fall 1973	51	5,488	255	17	104
Nonaccredited					
Fall 1969	49	1,306	128	3	23
Fall 1970	60	1,417	126	1	18
Fall 1971	36	630	112	0	12
Fall 1972	39	805	111	0	16
Fall 1973	50	945	100	1	13
Total Masters					
ALA-accredited					
Fall 1969	46	8,542	413	8	151
Fall 1970	46	8,933	456	31	161
Fall 1971	52	10,275	525	63	178
Fall 1972	52	10,521	497	64	179
Fall 1973	51	10,793	535	50	189
Nonaccredited					
Fall 1969	52	3,084	226	2	40
Fall 1970	64	3,823	235	1	43
Fall 1971	36	1,926	230	0	42
Fall 1972	39	2,381	407	10	36
Fall 1973	57	3,126	260	5	38

TABLE 15. ADVANCED STUDY ENROLLMENTS IN U.S. SCHOOLS REPORTING GRADUATE PROGRAMS, FALL 1969 THROUGH 1973

Status of Program and Year	*Total No. Programs Reporting*	*Total No. Students*	*Number of Students Per Program*		
			High	*Low*	*Median*
Post-Masters Enrollment					
ALA-accredited					
Fall 1969	19	176	60	1	6
Fall 1970	22	150	39	1	5
Fall 1971	19	117	15	1	5
Fall 1972	27	261	112	1	6
Fall 1973	26	373	151[a]	1	5
Nonaccredited					
Fall 1969	7	25	31	1	3
Fall 1970	13	72	16	1	3
Fall 1971	3	10	6	2	2
Fall 1972	2	4	2	2	2
Fall 1973	5	28	14	1	5
Doctoral Enrollment					
ALA-accredited					
Fall 1969—Full-Time	15	225	28	5	13
Fall 1969—Total	15	324	53	5	20
Fall 1970—Full-Time	18	244	30	1	13
Fall 1970—Total	18	344	49	1	17
Fall 1971—Full-Time	18	220	27	3	13
Fall 1971—Total	18	324	44	4	16
Fall 1972—Full-Time	18	170	22	1	10
Fall 1972—Total	18	325	46	5	13
Fall 1973—Full-Time	19	200	29	1	9
Fall 1973—Total	19	335	42	5	13
Nonaccredited					
Fall 1969	5	10	4	1	2
Fall 1970	5	32	21	1	4
Fall 1971	0	0	0	0	0
Fall 1972	0	0	0	0	0
Fall 1973	4	40	20	2	9

[a] Reported by UCLA: As of 1973/74 all masters degree candidates at UCLA are under the new MLS 2-year degree program (with specialization).

TABLE 16. SUMMER SESSION ENROLLMENTS IN U.S. GRADUATE LIBRARY EDUCATION PROGRAMS, SUMMERS 1970, 1972, AND 1973

Summer Session and Type of Program	*Total No. Programs Reporting*	*Total No. Students*	*Number of Students per Program*		
			High	*Low*	*Median*
ALA-accredited					
Summer 1970 Enrollment					
Total	38	7,383	487	35	199
Graduate Degree	38	6,522	316	32	170
Summer 1972 Enrollment					
Total	45	10,468	604	51	209
Graduate Degree	45	8,909	603	40	178
Summer 1973 Enrollment					
Total	46	10,958	694	64	210
Graduate Degree	46	9,338	595	27	180
Nonaccredited					
Summer 1970 Enrollment					
Total	54	5,385	376	10	76
Graduate Degree	49	3,634	278	3	58
Summer 1972 Enrollment					
Total	36	4,032	341	6	125
Graduate Degree	36	2,473	267	0	59
Summer 1973 Enrollment					
Total	38	4,552	495	8	93
Graduate Degree	38	2,770	196	0	53
Total Enrollments					
Summer 1970	92	12,768			
Summer 1972	81	14,500			
Summer 1973	84	15,510			
Total Graduate Degree Enrollments					
Summer 1970	87	10,156			
Summer 1972	81	11,382			
Summer 1973	84	12,108			

means must be found to continue sound doctoral programs. It should be remembered also that doctoral study can rarely be effective as a bootstrap operation. Sound programming at the advanced level requires a number of enrollees sufficient to support a continuing group of doctoral seminars and a graduate faculty competent to direct the seminars and other doctoral study and research.

Summer Session Enrollments

As evident in Table 16, summer session enrollments show the same general trends as academic year enrollments.

DEGREES AWARDED

The continued increase in number of masters degrees awarded by graduate library education programs as shown in Table 17 can be attributed largely to the marked increase in the number of ALA-accredited library schools and to rising enrollments. It is not unusual for schools to double their enrollments within a year or two following the announcement of their initial accreditation.

Of the 7,772 masters degrees reported by 52 out of 53, or 98 percent, of the accredited library schools in the United States and by 47 of the nonaccredited programs, or 78 percent of those surveyed, 6,518 or 84 percent were awarded by accredited schools. On this basis, if all of the graduate programs were represented in this report, the number of masters degrees awarded in 1972/73 would probably be between 8,000 and 8,500. This represents approximately 7 percent of a professional labor force which has a replacement rate of about 8 percent annually.

The 93 percent increase in doctoral degrees between 1969/70 and 1972/73 can be explained primarily by the availability of federally funded fellowships which permitted students with significant library experience to return for advanced study.

For the first time since this survey began, respondents were asked to project the number of degrees to be awarded in a 5-year period. Since most universities require such projections as a basis for academic and fiscal planning, it is hoped that the projections reported in Table 18 have some validity.

At the bachelors level the schools that provided the 5-year projections estimated modest increases in number of degrees. Whereas 21 programs predicted an average of 24 degrees awarded per school in 1973/74, 15 schools projected an average of 34 degrees per program in 1977/78.

At the masters level, the accredited schools have projected a 6 percent increase in average number of

TABLE 17. GRADUATE DEGREES AWARDED BY U.S. GRADUATE LIBRARY EDUCATION PROGRAMS 1969/70 AND 1972/73 INCLUDING RESPECTIVE SUMMER SESSIONS

Level of Degree by Year and Status of Program		*Total No. Programs Reporting*	*Total No. Degrees Awarded*	*No. of Degrees Awarded Per Program*		
				High	*Low*	*Median*
Masters Degrees						
69/70	ALA-accredited	46	5,251	289	21	105
	Nonaccredited	58	1,497	156	2	19
	Total	104	6,748			
72/73	ALA-accredited	52	6,518	269	27	119
	Nonaccredited	47	1,254	78	2	19
	Total	99	7,772			
Post-Masters Degrees						
69/70	ALA-accredited	11	106	37	2	6
	Nonaccredited	3	28	24	1	2
	Total	14	134			
72/73	ALA-accredited	13	97	26	1	3
	Nonaccredited	7	37	14	1	6
	Total	20	134			
Doctoral Degrees						
69/70	ALA-accredited	10	46	9	1	4
	Nonaccredited	3	4	2	1	1
	Total	13	50			
72/73	ALA-accredited	16	89	13	1	6
	Nonaccredited	3	10	5	1	4
	Total	19	99			

TABLE 18 GRADUATE LIBRARY EDUCATION PROGRAMS: PROJECTION OF NUMBER OF DEGREES TO BE AWARDED, 1973/ 4-1977/78

Level of Degree by Status of Program	*1973/74*			*1974/75.*			*1975/76*			*1976/77*			*1977/78*		
	No. Programs Reporting	*No. Degrees Projected*	*Average No. Degrees Per Program*	*No. Programs Reporting*	*No. Degrees Projected*	*Average No. Degrees Per Program*	*No. Programs Reporting*	*No. Degrees Projected*	*Average No. Degrees Per Program*	*No. Programs Reporting*	*No. Degrees Projected*	*Average No. Degrees Per Program*	*No. Programs Reporting*	*No. Degrees Projected*	*Average No. Degrees Per Program*
Bachelors Degrees															
ALA-accredited	1	44	44	1	45	45	1	45	45	1	45	45	1	45	45
Nonaccredited	20	457	23	18	400	22	15	375	25	14	415	30	14	461	33
Total	21	501	24	19	445	23	16	420	26	15	460	31	15	506	34
Masters Degrees															
ALA-accredited	47	6,152	131	47	6,281	134	47	6,452	137	47	6,549	139	47	6,553	139
Nonaccredited	46	1,149	25	42	1,184	28	38	1,273	34	34	1,253	37	34	1,379	41
Total	93	7,301	79	89	7,465	84	85	7,725	91	81	7,802	96	81	7,932	98
Post-Masters Degrees															
ALA-accredited	13	49	4	16	76	5	17	102	6	18	135	8	18	167	9
Nonaccredited	6	36	6	7	66	9	9	92	10	8	113	14	8	134	17
Total	19	85	4	23	142	6	26	194	7	26	248	10	26	301	12
Doctoral Degrees															
ALA-accredited	16	79	5	16	90	6	18	108	6	17	118	7	19	137	7
Nonaccredited	5	13	3	5	18	4	7	26	4	5	25	5	5	19	4
Total	21	92	4	21	108	5	25	134	5	22	143	7	24	156	7

degrees awarded per school between the present time and 1977/78, whereas the nonaccredited schools predicted a 64 percent increase in average number of degrees to be awarded in this same time period. This dramatic difference in projected rate of increase may mean that the respondents from the nonaccredited schools hope to achieve accreditation during this interval and have made their projections accordingly.

Similarly the nonaccredited programs' projections for post-masters degrees or certificates is substantially above those of the accredited schools. At least in some cases this may be due to the development of new integrated media programs.

The doctoral degree projections show a slight escalation during the 5-year period. In view of the difficulty of securing adequate support to enable experienced, successful librarians to return to school, the average of 5 to 7 students per program estimated for each of the coming years is probably realistic. In terms of the continuing problem of recruiting competent library school faculty members, it is not an encouraging picture. Recruitment at this level also directly affects the quality if not the very integrity of the doctoral program. Without a group of 6 to 10 doctoral students entering a program each year, there is little possibility of providing the calibre of doctoral seminars so essential to productive doctoral endeavor.

From a reading of Table C (Chapter VII) which contains the projections of numbers of degrees to be awarded in the years ahead, it is clear that there are three groups of schools. About half of the respondents anticipate either slight decreases or no increases in the number of degrees to be awarded, about one-third of the respondents indicate moderate increases, and about one-fifth project increases of from 25 to over 100 percent.

At recent library meetings there has been marked concern about the problem of library school graduates who are seeking library positions in today's tight employment market. To the employer who receives scores of applications for every vacancy, it seems that the sensible cure is to curtail library school enrollments. For the school this may not be an easy decision. One rather obscure problem is created by the person who appears and disappears one or more times in the course of working towards a degree. His reappearances can be quite unpredictable and can affect the final count. Then there is the more serious consideration of whether curtailment of enrollment means loss of faculty in these days of financial stress. A median faculty of 11 in accredited schools and 4 in nonaccredited schools is not what most schools consider minimal in the array of talents and experience required to insure quality instruction in a multi-purpose program. The loss of even one position could affect such a program adversely. Finally, if fully qualified students are not admitted to library schools when they are ready, what happens to them? What, for example, is the responsibility to its constituents of the only ALA-accredited library education program in a state or region?

TABLE 19. SALARIES OF 1972/73 GRADUATES BY TYPE OF LIBRARY

	Highest Salaries			*Lowest Salaries*		
Type of Library	*High*	*Median*	*Low*	*High*	*Median*	*Low*
College	$1,700	$1,000	$745	$850	$625	$274
School	1,800	1,000	642	914	630	417
Public	1,260	833	625	786	628	200
Special	1,182	912	700	818	650	283

SALARIES OF 1972/73 GRADUATES

Only 38 schools, of which 5 were in the nonaccredited group, reported salaries for 1972/73 graduates. As shown in Table 19 the lowest salaries reported are clearly at a subsistence level of income on the basis of today's cost of living. Except for the lowest school salary reported, the remaining low salaries are substantially lower than those reported by Frarey in his last annual survey.[1] At that time Frarey commented as follows on the lowest salaries reported in 1971: "They are inexcusable."[2]

Only the school and the highest academic salaries show improvement over those last reported by Frarey. This must be a matter of grave concern to everyone involved with the placement of library school graduates. The forthcoming annual survey of placements and salaries of recent library school graduates in *Library Journal* will be of special interest.

FINANCIAL SUPPORT

The financial support of ALA-accredited as well as of the nonaccredited library education programs in the United States as shown in Table 20 continues to reflect tremendous variations. The range in 1973/74 budgets of the accredited schools is from $153,717 to $973,274; for the nonaccredited schools it is from $3,725 to $346,449. Over the 5-year period from 1969/70 to 1973/74, the median support figure for both groups of schools continued to increase. However, for the nonaccredited programs the 1973/74 median of $123,410 represents a 54 percent increase over their 1969/70 median of $80,228.

TABLE 20. FINANCIAL SUPPORT OF U.S. GRADUATE LIBRARY EDUCATION PROGRAMS BY ACCREDITED STATUS AND LEVEL OF PROGRAM, 1969/70, 1972/73, AND 1973/74

Accredited Status of Program and Year	*Number Reporting*	*Financial Support*		
		High	*Low*	*Median*
ALA-accredited				
1969/70	39	1,032,218	154,800	316,375
1972/73	41	1,762,913[a]	148,910	355,117
1973/74	41	973,274	153,717	381,231
Nonaccredited				
1969/70	46	470,782	1,360	80,228
1972/73	32	483,578	3,325	114,817
1973/74	34	346,449	3,725	123,410

Includes expenditures for new building and furnishings.

This is in contrast with the 21 percent increase in the median support of accredited programs, which for the earlier year was $316,375 compared with $381,231 for the 1973/74 fiscal year.

Some of the nonaccredited programs have given high priority to meeting the ALA *Standards for Accreditation*. For at least some of them this effort was successful, since the number of ALA-accredited library schools in the United States has increased by more than one-third since 1968. Without exception, the decision to upgrade programs significantly has been reflected by increased financial support. At the University of Arizona, for example, which was accredited recently under the 1972 *Standards*, the 1970/71 support for the library education program was approximately $126,000. The 1973/74 budget for the program is $354,478, which represents a 55 percent increase in financial support in a 3-year period.

In 6, or about 15 percent, of the ALA-accredited schools financial support from the parent institution budgeted for 1973/74 represents a decrease from the level of expenditure reported for 1972/73. If university budgetary problems continue to become more acute, this situation could develop into serious financial deficits for graduate library education programs. With a high percentage of budgets invested in salaries, some library schools called upon to retrench financially have no alternative to reducing the base of their salary expenditures. In a few cases library schools have already sacrificed positions to achieve the required budgetary saving.

Four, or about 12 percent, of the nonaccredited graduate programs also reported decreases in support as reflected in their 1973/74 budgets.

Of the ALA-accredited programs, 27 of 41 reported receiving grants from sources outside the university for 1973/74; 9 of the 34 nonaccredited programs reported such grants. Of the 36 respondents reporting grant support, all but 10 reported receiving grants in excess of $10,000. The loss of this source of support at a time of shrinking university budgets and rising costs could aggravate still further the financial problems of small programs—which most library education programs are in relation to other university academic units.

TABLE 21. FINANCIAL SUPPORT, ALA-ACCREDITED PROGRAMS, BY LEVEL OF PROGRAM, 1969/70, 1972/73, AND 1973/74

Level of Program	*Number Reporting*	*Financial Support*		
		High	*Low*	*Median*
Masters only				
1969/70	13	532,803	164,146	274,990
1972/73	17	593,619	148,910	241,671
1973/74	17	531,392	153,717	303,872
Post-Masters				
1969/70	12	431,707	154,800	305,642
1972/73	10	1,348,958*	157,614	316,773
1973/74	10	585,150	168,646	368,291
Masters and Doctoral				
1969/70	14	1,032,218	223,600	521,705
1972/73	14	1,762,913*	343,597	595,090
1973/74	14	973,274	279,000	631,669

*Includes expenditures for new building and furnishings.

A glance at the financial support of the ALA-accredited programs by level of program in Table 21 reveals that 1973/74 budgets for both the schools offering only the masters program and for those offering doctoral programs as well represents a decrease from 1969/70 expenditures in terms of the highest support reported. The masters program reporting the lowest support for the year 1973/74 is almost $10,000 below that reported in 1969/70. Regardless of the source of these funds it is almost inevitable that budgetary cutbacks in conjunction with rising costs will be reflected in program.

At least in dollar figures, the 1973/74 median support represents an increase for each level of program over the respective 1969/70 median. For the masters programs the increase is 11 percent; for the programs offering both the masters and intermediate or post-masters programs, 20 percent; for those offering programs including the doctorate, 21 percent.

In view of the many demands for changes in library education programs today, the apparent trend towards financial retrenchment warrants the monitoring of their financial support in forthcoming surveys. Without resources to provide adequate facilities and equipment, the quality of some programs could be jeopardized. There is sufficient evidence in the current reporting to justify a prediction of imminent financial problems for a number of library education programs in the years immediately ahead.

GOVERNMENT SUPPORT

Replies from 29 of the ALA-accredited library education programs indicate that 464 federally supported fellowships were awarded by them during the years 1971/72 and 1972/73. Of these fellowship recipients, 177 completed masters degrees; 18, post-masters; and 68, doctoral degrees. (See Table 22.)

During the years 1971/72, 1972/73, and 1973/74 the accredited programs sponsored 47 federally supported institutes which were attended by 333 participants, 313 participants, and 248 participants (not including participants from 2 of the programs which did not report number of participants) respectively. (See Table 23.)

Full-time equivalent faculty members employed from U.S. government funding were 11.7 for 1971/72, 14.5 for 1972/73, and 14.7 for 1973/74. One additional person was federally funded for a research project.

Seven of the nonaccredited programs reported sponsoring 11 federally funded institutes in 1971/72, 7 in 1972/73, and 2 in 1973/74. These were attended by 187 participants, 476 participants, and 19 participants, respectively. In 1971/72 these programs were awarded 45 fellowships; in 1972/73 they were awarded 51 fellowships. Twenty-six participants completed degrees. Eleven

TABLE 22. FEDERALLY SUPPORTED FELLOWSHIPS IN ALA-ACCREDITED GRADUATE LIBRARY EDUCATION PROGRAMS[a]

Source of Fellowship	No. Fellowships Received		Number of Students Graduated					
			Masters		Post-Masters		Doctoral	
	1971/72	1972/73	1972	1973	1972	1973	1972	1973
Title IIB of HEA	132	118	14	50	2	0	37	31
Other Federal Programs	102	112	55	58	0	16	0	0
Total	234	230	69	108	2	16	37	31

[a] Based on reports from 34 respondents.

TABLE 23. NUMBER OF FEDERALLY SUPPORTED INSTITUTES SPONSORED BY ALA-ACCREDITED GRADUATE LIBRARY EDUCATION PROGRAMS[a]

Year	Number of Institutes Held		Number of Participants
	Title IIB of HEA	Other Federal Programs	
1971/72	12	4	333
1972/73	11	4	313
1973/74	13	3	248

[a] Based on reports from 34 respondents. Two did not report number of institute participants in 1973/74.

completed masters degrees in 1972 14 in 1973; and 1 participant completed a post-masters degree in 1973.

Full-time equivalent faculty members employed from U.S. government funding were 4.8 for 1971/72, 8.1 for 1972/73, and 3.0 for 1973/74.

The average number of participants in ALA-accredited programs was about 20 compared to about 60 in the nonaccredited programs.

Two areas in which federal funding has achieved the objectives for which it was intended are the recruitment of participants from minority groups and the recruitment and preparation of doctoral students interested in teaching. Without federal fellowship assistance, few if any of these graduates would have enrolled in library education programs. Yet their potential contributions to librarianship are impressive.

Only 5 respondents indicated any kind of state or regionally sponsored programs. At the State University of New York at Albany a Joint Committee of School of Library and Information Science Faculty and state librarians has been formed. At Case Western Reserve University, the School of Library Science was a sponsored of the State Library Governor's Conference. The Graduate School of Library Science of the University of Illinois has made joint appointments with the Illinois State Library for the GSLS Library Research Center. Recently the chairman of the University of Mississippi Department of Library Science has arranged with the Mississippi Library Commission for a joint appointment. Finally, the Rosary College Graduate School of Library Science sponsored an Illinois State Library Careers Institute.

A DECADE OF CONTRASTS

Graduate library education faculties today are confronted by shrinking budgets, inflation, and rising expectations from their various constituencies. There are those who demand more opportunities for specialization within both preservice and continuing education programs; those who believe that an extensive program of internships would provide the answer to today's library education problems; and those who clamor for experimentation with entirely new forms of programming. Amid this din there is little time for contemplation let alone retrospection. Perhaps, therefore, it would be good to stop for a moment to glance backward to those faraway, pre-HEA Title IIB days. A brief profile in terms of budgets, faculty, and students—now and then—tends to lend perspective.

The median budget in 1963/64 of ALA-accredited library schools was $95,662. Their 1973/74 median budget is $381,231, or an increase of 298 percent. For the nonaccredited schools, the comparable figures are $18,800 and $123,410, or an increase of 557 percent.

Though today's graduate library education faculties may not give any outward evidences of affluence, their median salaries on the average, have increased by 71 percent during this 10-year period (Table 24).

In 1963/64 the accredited schools reported an average full-time faculty of 7; in 1973/74, an average of 12, or a 71 percent increase. In the nonaccredited schools, the average number of faculty members doubled from 2 to 4 during the decade.

In 1963/64, 33 accredited schools reported awarding a total of 2,779 masters degrees or 84 degrees per school; in

TABLE 24. MEDIAN SALARIES OF GRADUATE LIBRARY EDUCATION PROGRAM FACULTIES, 1963/64 AND 1973/74

Faculty by Program	*Median Salaries 1963/64*	*Median Salaries 1973/74*	*% of Increase*
ALA-accredited Programs			
Head of Program	$16,000	$27,000	81
Professor	12,500	21,000	68
Associate Professor	9,800	17,000	73
Assistant Professor	8,500	15,000	76
Nonaccredited Programs			
Head of Program	11,000	20,000	82
Professor	11,000	19,000	73
Associate Professor	9,500	15,000	58
Assistant Professor	8,100	13,000	60

TABLE 25. LIBRARY SCIENCE DEGREES AWARDED BY GRADUATE LIBRARY EDUCATION PROGRAMS, 1963/64 AND 1972/73

Type of Program	*Number of Degrees Awarded 1963/64*	*Number of Degrees Awarded 1972/73*
ALA-accredited	*(N = 33)*	*(N = 52)*
Bachelors	568	118
Masters	2,779	6,518
Post-Masters	14	97
Doctoral	14	89
Nonaccredited	*(N=43)*	*(N=47)*
Bachelors	239	485
Masters	488	1,254
Post-Masters	6	37
Doctoral	0	10

1972/73, 52 U.S. ALA-accredited schools reported awarding 6,518 masters degrees, or an average of 125 degrees per school. (See Table 25.) Similarly, the nonaccredited schools showed an increase in number of masters degrees awarded from an average of 11 per school in the earlier year to 27 per school in 1972/73.

From these few facts it is clear that graduate library education programs have made dramatic progress during the past decade. This rate of development is important too for the growing visibility and the greater prestige that such marked increases in budgets, salaries, number of faculty, and size of program signify.

Despite serious problems that library education programs face in terms of faculty recruitment, financial support for doctoral study and other research programs, and program development, there seems strong evidence that library education leaders can point with some pride to recent achievements. These accomplishments should provide both perspective and momentum for the decade ahead.

REFERENCES

[1] Carlyle J. Frarey and Carol L. Learmont, "Placements and Salaries, 1971: A Modest Employment Slowdown," *Library Journal*, June 15, 1972, pp. 2154-59.

[2] *Ibid.*, p. 2157.

U.S. Undergraduate Library Education Programs

Sarah R. Reed

The returns from undergraduate programs contain ample evidence that a thorough study of these programs is overdue. They constitute 155 or 47 percent of all respondents represented in the statistical report; the quality of the data supplied is uneven; and there are important shifts occurring both in curriculum and in the responsibility for these programs.[1]

Six schools, which reported offering only undergraduate programs previously, are offering graduate courses as of 1973. Another 6 schools report that they no longer offer library education programs.

FACULTY

In 80 of the 155 programs represented in this year's statistical report, the librarian is also the head of the undergraduate program. This is 51 percent of the respondents, compared with 41 percent in 1970/71 and 38 percent in 1967/68.

The number of respondents representing programs with only part-time faculty continues to increase—53 percent of the respondents in 1973 compared with 51 percent in 1971 and 46 percent in 1967. (See Table 1.)

TABLE 1 UNDERGRADUATE PROGRAM FACULTY BY YEAR

Faculty Members by Part-Time/Full-Time Status	*1967/68 (N = 144)* No.	%	*1970/71 (N = 170)* No.	%	*1973/74 (N = 150)* No.	%
Part-Time Faculty Only	66	46	87	51	80	53
One Full-Time Faculty Member	30	21	36	21	11	7
More than One Full-Time Faculty Member	48	33	47	28	59	40

In the current survey, of the 59 programs reporting a faculty in excess of 1 full-time faculty member, 59 have at least 1 full-time faculty member and 1 or more part-time faculty members; 31 have at least 2 full-time; 12 have at least 3; 6 have at least 4; and 2 have at least 5 full-time faculty members. In these programs, the number of part-time faculty members varies from 0 to 6. Both programs reporting faculties of 5 members report only 1 part-time faculty member each.

Thus, although the percentage of respondents reporting a single full-time faculty member and 1 or more part-time faculty members has increased in recent years, the percentage of programs depending entirely upon part-time faculty has also continued to increase.

CURRICULUM

In the previous survey, 30 of 176 respondents, or 17 percent, reported offering library science majors; in the current survey, 34 of 155 respondents, or 22 percent, report library science majors.

In 1971, the number of semester credit hours required for a major in 42 programs ranged from 12 to 45 with 18 programs or 43 percent requiring 24 hours. In 1973, the range in semester hours of credit is from 16 to 39 hours with a median of 27 hours.

In 1971, 94 of 176 respondents, or 53 percent, specified minor programs varying from 15 to 36 hours with 40 percent of the schools requiring 18 hours. In 1973, 110 or 63 percent of the respondents specify minor programs varying from 13 to 29 semester hours with a median of 18 hours; 35 percent of the schools specify 18 hours.

In response to a question concerning course offerings and requirements in the areas of instructional technology and information science, 57 respondents report 1 or more courses in instructional technology in the library science program; 56 report 1 or more courses in instructional technology taught by other departments and accepted for credit by the library science program; 19 report 1 or more courses in information science in the library science program; 9 report 1 or more courses in information science and automation taught by other departments and accepted for credit by the library science program; 1 school reports offering 2 courses jointly with systems and data processing programs.

Fifty schools require a course in instructional technology; 57 do not. Several require it for school media personnel. Students learn to operate audio-visual equipment in a required course in 84 schools and in elective courses in 25 schools. Several respondents indicate that depending upon the student's program these skills can be acquired in a number of ways including non-credit laboratory practice.

Only 9 schools require a course in information science; 97 do not. In 4 schools students in the library science program use computers in their course work; in 132 schools they do not. In 5 other schools, students use computers in elective courses. One respondent notes that courses in instructional technology and information science will be introduced in the coming year.

STUDENTS

Even as the number of undergraduate programs represented in the report for any given year continues to fluctuate, it can be seen in Table 2 that the number of students per program also fluctuates. Since at least some of the enrollment figures are estimates, any careful analysis of undergraduate enrollment figures will have to await further study.

In considering undergraduate enrollments, it should be noted that many graduate programs also enroll undergraduates. In the fall of 1973, for example, 75 graduate programs had 4,441 undergraduate students enrolled, although 3 of these programs report only a single undergraduate student each.

Of the 155 respondents, 28 project that 481 BLS degrees, or approximately 14 per school, will be awarded in 1973/74. This is considerably fewer than the 515 degrees, or 14 per school, reported for 1970/71 by 36 respondents or the 509 (also 14 per school) reported for 1969/70 by 37 respondents. However, of the 7 schools reporting 20 or more such degrees in 1970/71, only 2 are represented in the present survey.

Only 24 respondents replied to the question concerning the projection of degrees to be awarded after the current year. Several of these schools plan to discontinue the BLS program after 1974/75. This fact is indicated by the low projection of 0 degrees to be awarded in the years 1975/76-1977/78 in Table 3.

The median number of degrees projected per school fluctuates between 11 and 12 for each of the next 4 years. The highest projections are all from the same respondent.

In 1973, 28 schools provide salary estimates for their graduates. As indicated in Table 4, the general trend, at least in the highest salaries reported, is a substantial increase in salaries since the previous reporting.

For 1972/73 graduates, the mean high monthly salary was $782; the mean low salary was $575. For 1971/72, the mean high monthly salary was $760; the mean low salary was $550.

FINANCIAL SUPPORT

As has always been true, few undergraduate programs operate on a separate budget. This year 32 of 155 respondents report 1 or more items of financial support. In the previous survey, 29 respondents out of 176 institutions submitted such information. As can be seen

TABLE 2 UNDERGRADUATE PROGRAM ENROLLMENT

Year	*Number of Programs*	*Number of Students*	*Number of Students Per Program*
1966	144	6,648	46
1967	182	11,187	61
1969	176	6,253	36
1970	176	7,597	43
1971	114	6,069	53
1972	107	6,214	58
1973	137	6,320	46

TABLE 3 PROJECTION OF BLS DEGREES TO BE AWARDED

Year	*Number of Institutions Reporting*	*Number of Degrees Projected To Be Awarded*		
		High	*Low*	*Median*
1974/75	24	41	2	11
1975/76	21	49	0	12
1976/77	20	57	0	11
1977/78	19	65	0	12

TABLE 4 BEGINNING MONTHLY SALARIES REPORTED BY UNDERGRADUATE PROGRAMS

Year	*Number of Institutions Reporting*	*Number of Placements*	*Avg. No. Placements Per Program*	*Monthly Salary*	
				High	*Low*
1967/68	48	433	9	$1000	$333
1968/69	50	445	9	1000	244
1969/70	58	532	9	1000	381
1971/72	36	229	6	2010	350
1972/73	37	296	8	2230	450

from a glance at Table 5 (which shows program expenditures for the year 1972/73) and at Table 6 (which shows program budgets for the year 1973/74), there is little basis for comparison. Some schools have full-time salaries in the budget; others do not. Some include salaries for part-time faculty; others do not. Some include items for support staff; others do not. Some have items to cover other expenditures; others do not.

Comparative data for program financial support for the years 1972/73 and 1973/74 are shown in Table 7. The two programs with the largest budgets for 1973/74 also have substantial outlays for full-time faculty salaries, as shown in Table 6. Program number 21 with a budget of $87,951 has 5 full-time faculty members and a full-time salary item of $73,800. Program number 24 with $79,500 has 4 full-time faculty members and a full-time salary item of $74,000. With the data available it is not possible to calculate a reliable cost per student, but it might be noted that program number 21 has 56 students enrolled in a 30-hour library science major program; program number 24 has 171 students: 100 students enrolled in a 24-hour undergraduate major, 63 in a 24-hour minor, and 8 working towards certification.

Table 7 summarizes the totals from Tables 5 and 6 and indicates the percentage of change. Thus, of the 27 respondents which gave expenditures for 1972/73 and estimated expenditures for 1973/74 the percentage of change ranged from -32 percent to +113 percent. The median increase was 5 percent. School number 21 had a 4 percent budget increase, school number 24 had a 12 percent increase.

CONCLUSIONS

Although no question was included in the current survey to elicit information concerning current or anticipated changes, comments were added which clearly indicate a number of shifts. In 1973, 22 percent of the undergraduate programs report library science majors compared with 17 percent in 1971. Several of the schools are developing 2-year programs to train library media technical assistants. Half a dozen programs are moving towards masters degree programs. Another group of respondents indicate the introduction of unified media programs which bring together elements of programs formerly designated as library or audio-visual courses. Western Illinois University for example, has initiated a new program leading to a Bachelor of Science in Learning Resources.

One respondent summarizes the respective situation aptly as follows:

> Our program was established to provide certification as librarians for teachers and is now at a decision-point—either enlarge it into a full media specialist/supervising program or phase it out.

There is also concern as to the effect which decreasing university enrollments will have on some of the programs.

One respondent characterizes program support as a "bootleg" operation. Indeed, this can be said for many of the undergraduate programs. More than half of the programs have only part-time faculty and are not recognized as separate educational units to be staffed like other educational programs. Although the data provided is not sufficiently precise to warrant tabulation, it is clear from comments concerning amounts of time spent in administration and teaching that many programs survive due to the dedication of librarians who are working much more than 100 percent of their assigned time. This is frequently true in the case of library staff who teach courses but who are granted little or no released time for teaching.

As the faculties of many of these undergraduate programs face critical decisions as to the direction in

TABLE 5 UNDERGRADUATE PROGRAM EXPENDITURES 1972/73

Institution	Full-Time Faculty	Salaries Part-Time Faculty	Support Staff	Other
1	—	50,000	—	[a]
2	—	11,852	—	2,500
3	12,500	b	—	—
4	—	9,363	—	—
5	23,000	11,000		—
6	—	—		119
7	10,275	—	1,322	—
8	10,300	—		750
9	—	3,614		325
10	28,000	—		—
11	13,600	—	—	—
12	—	5,445	720	452
13	27,400[c]	6,950	1,150	41,525
14	25,480			700
15	8,000		—	—
16	22,800	1,200	1,811	3,783
17	10,400	d	4,500	1,500
18	27,000	2,000	5,000	1,000
19	—	4,800	45,000	—
20	—			—
21	70,415	1,685	5,990[e]	6,303
22	9,200	3,100		—
23	31,880	2,700	3,720	2,380
24	65,000		4,200	1,500
25	10,000	—		1,015
26	22,500	—		6,000
27	13,200	—	720	—
28	—			—
29	—	—		125
30	10,000	—		350
31	36,900	—	3,000	2,870
32	16,150	2,967	710	—

[a] All other expenses are in the library budget.

[b] Part-time faculty are paid $200-250 per credit hour.

[c] Part-time secretary, 5 student assistants, and library materials are in other budgets.

[d] Part-time faculty are paid $200-300 per credit hour.

[e] Student assistants are paid out of another budget.

TABLE 6 UNDERGRADUATE PROGRAM BUDGETS 1973/74

Institution	*Full-Time Faculty* *Salary*	*Full-Time Faculty* *Number*	*Part-Time Faculty* *Salary*	*Part-Time Faculty* *Number*	*Support Staff*	*Other*
1	—	—	56,000	6	—	[a]
2	—	—	13,448	5	—	3,000
3	13,500	1	[b]	2-3	—	—
4	—	—	9,363	2	—	—
5	24,000	2	12,000	2	—	—
6	—	—	—	2	—	119
7	10,790	1	—	1	1,325	—
8	9,800	1	—	2	—	750
9	—	—	2,390	1	—	359
10	23,000	2	5,000	1	—	—
11	13,600	1	—	2	—	—
12	—	—	5,500	2	720	775
13	30,815[c]	2	3,742	1	60	41,023
14	26,830	2	—	—	—	600
15	8,000	1	—	1	—	—
16	29,365	2	1,200	1	1,925	3,898
17	11,000	1	[d]	4	5,000	2,500
18	—	2	—	4	—	—
19	—	1	—	8	—	—
20	30,000	1	—	1	—	—
21	73,800	5	1,850	1	6,198[e]	6,103
22	9,200	2	3,500	0	—	—
23	12,360	1	10,200	1.6	3,900	1,200
24	74,000	4	—	—	4,500	1,000
25	10,600	1	—	—	—	1,015
26	30,000	—	—	—	—	8,000
27	—	1	—	1	—	—
28	—	1	—	—	—	—
29	—	—	—	3	—	180
30	10,350	1	—	—	—	400
31	60,000	4	—	.25	3,000	3,500
32	16,971	1	3,107	.2	22,250	—

[a] All other expenses are in the library budget.

[b] Part-time faculty are paid $200-250 per credit hour.

[c] Part-time secretary, 5 student assistants, and library materials are in other budgets.

[d] Part-time faculty are paid $200-300 per credit hour.

[e] Student assistants are paid out of another budget.

TABLE 7 UNDERGRADUATE PROGRAMS TOTAL EXPENDITURES 1972/73 AND BUDGETS 1973/74

Institution	*Expenditures 1972/73*	*Budget 1973/74*	*Percentage of Change*
1	$50,000	$56,000	12
2	14,352	16,448	15
3	12,500	13,500	8
4	9,363	9,363	0
5	34,000	36,000	6
6	119	119	0
7	11,597	12,115	5
8	11,050	10,550	5
9	3,939	2,749	-30
10	28,000	28,000	0
11	13,600	13,600	0
12	6,917	6,995	1
13	77,025	75,640	-2
14	26,180	27,430	5
15	8,000	8,000	0
16	29,594	36,388	23
17	16,400	18,500	13
18	35,000	—	—
19	49,800	—	—
20	—	30,000	—
21	84,393	87,951	4
22	12,300	12,700	3
23	40,680	27,680	-32
24	70,700	79,500	12
25	11,015	11,615	5
26	28,500	38,000	33
27	13,920	—	—
28	—	12,705	—
29	125	180	44
30	10,350	10,750	4
31	62,770	66,500	6
32	19,827	42,328	113

which they should guide their programs, it would be useful if they could turn to a sound study by one of the senior specialists in the field. The diversity of programs and the complexity of demands upon them make such a study difficult, but it is needed. Furthermore, the imminent appearance of the revised school media standards now being prepared by the American Association of School Librarians and the Association for Educational Communication and Technology would make a study doubly meaningful.

One approach to this formidable task would be the utilization of a team or panel of experts representing states or regions. Two advantages of such an approach would be the availability of regional expertise in a field where state and regional variations are important and the access such investigators would have to valid, reliable program information. The success of such a study would depend largely upon the calibre of the director who would have major responsibility for developing the research design and for editing the results into a usable document. In conjunction with the forthcoming media standards, such an inquiry could provide a basis for needed guidelines for the programs attempting to achieve curricula relevant to the competencies needed by today's library/media personnel other than those seeking degrees in graduate schools of library and information science.

REFERENCE

[1] In 1971, undergraduate programs represented 50 percent of the established programs surveyed; in 1968, they represented 51 percent.

U.S. Library Technical Assistant Programs

Robert D. Little

Programs for the training of library technical assistants are most frequently found in community or junior colleges. Although there are a few large, well established programs, many are still in the development stages and face an uncertain future. Since the publication of the 1969-1971 edition of the *North American Library Education Directory and Statistics,* new programs have been started, some are being planned, and others have been either discontinued or suspended.

The Library Education Division of the American Library Association at the June 1971 ALA Annual Conference adopted a policy statement on the preparation of Library/Media Technical Assistants. In this statement, the Library/Media Technical Assistant is defined as:

> . . . a person with certain specifically library-related skills—in preliminary bibliographic searching for example, or utilization of certain mechanical equipment. . . . The Technical Assistant categories assume certain kinds of specific "technical" skills. They are not meant simply to accommodate advanced clerks. While clerical skills might well be part of a Technical Assistant's equipment, the emphasis in his assignment should be on the special technical skills.[1]

Thus, programs for the training of library technical assistants should contain a core of library related courses.

The *American Library Association Library Education and Manpower* policy statement provided several ways in which the basic training requirements for the library technical assistant could be met. They included: (1) at least 2 years of college level study; or (2) an Associate of Arts degree, with or without library technical assistant training; or (3) post-secondary school training in selected skills.[2] For the institutions surveyed the educational pattern most frequently found was the 2-year Associate Degree program with library technical assistant training. Of the institutions surveyed, 93 percent had 2-year programs; however, some of them also offered either 1-year programs or certification upon completion of the library science portion of the program.

The library science portion of the curriculum for library technical assistants usually includes courses which prepare the student to assist readers in locating books and using the public catalog; supervise shelving and other tasks performed by student assistants and clerks; assist in the cataloging of equipment in the department; supervise the maintenance and distribution of equipment; and be responsible for the production of media materials.[3] The University of Toledo under a contract with the U.S. Office of Education developed a suggested 2-year curriculum for library technical assistant. The curriculum developed included the following:

CURRICULUM OUTLINE[4]

	HOURS PER WEEK			
Courses	Class	Laboratory	Outside Study	Total
FIRST SEMESTER				
Introduction to Library Resources and Services	2	3	4	9
Introduction to Technological Media	2	6	4	12
Communications I	3	0	6	9
Biological or Physical Media	3	3	6	12
Mathematics (elective)	3	0	6	9
Total	13	12	26	51
SECOND SEMESTER				
Technical Processes I	2	6	4	12
Technological Media Production	2	6	4	12
Communications II	3	0	6	9
Humanities I	3	0	6	9
Data Processing Applications	2	3	4	9
Total	12	15	24	51
THIRD SEMESTER				
Reader's Services	3	0	6	9
Public Services	2	6	4	12
Technical Processes II	2	6	4	12
Humanities II	3	0	6	9
Career Electives (such as Children's Library Services)	3	0	6	9
Total	13	12	26	51

FOURTH SEMESTER				
Application of Computer and Automation Technology to the Library	2	3	4	9
Supervised Work Experience	1	12	2	15
Sociology	3	0	6	9
General Psychology	3	0	6	9
Career Elective	3	0	6	9
Total	12	15	24	51

GEOGRAPHIC LOCATION OF LIBRARY TECHNICAL ASSISTANT PROGRAMS

All surveys of library technical assistant programs indicate that by far the largest number of programs are in California. Because of the large number of junior and community colleges located there, this is not unexpected. Table 1 shows that 19, or approximately one-third of the institutions included in this survey, were located in California. However, technical assistant programs are not a regional development and programs can be found in all regions of the United States.

TABLE 1. LIBRARY TECHNICAL ASSISTANT PROGRAMS BY GEOGRAPHIC LOCATION

Location	*Number of Institutions Offering Library Technical Assistant Programs*
California	19
Illinois	5
Michigan	4
Ohio	3
Pennsylvania	3
Colorado	2
Connecticut	2
Iowa	2
New York	2
North Carolina	2
Texas	2
Alabama	1
Arizona	1
District of Columbia	1
Hawaii	1
Idaho	1
Maine	1
Massachusettes	1
Minnesota	1
Missouri	1
New Hampshire	1
New Jersey	1
Utah	1
Wisconsin	1
Total	59

ENROLLMENT DATA

Tables 2 and 3 show enrollment in the 2-year and 1-year library technical assistant programs for the fall of 1971, for the 1972 summer session, for the fall of 1972, for the 1973 summer session, and for the fall of 1973. From the enrollment data provided several observations can be made: (1) the percentage of men enrolled in library technical assistant programs continues to be very low—approximately one-third of the programs in the fall of 1973 had no men enrolled either as full-time or part-time students; (2) enrollment in the 2-year programs is far greater than in the 1-year programs—in the fall of 1973 there were approximately 20 times as many full-time and more than 3 times as many part-time students enrolled in the 2-year programs as were enrolled in the 1-year programs; (3) the mean enrollment for both full-time and part-time students is declining—in the fall of 1970 the mean full-time student enrollment for 2-year programs was 17.8 while in the fall of 1973 the mean full-time student enrollment for 2-year programs was only 13.7; (4) only a few institutions offer programs during the summer for library technical assistants—for the 1973 summer session only 14 institutions reported enrollment.

NUMBER OF FACULTY

The teaching in library technical assistant programs continues to be done to a great extent by part-time faculty. Table 4 shows the faculty data for the fall semester of 1973. Of the 54 institutions reporting data, 68 percent reported no full-time faculty. Much of the teaching appears to be done by the institution's library staff.

CREDIT HOUR REQUIREMENTS

Credit-hour requirements for 1- and 2-year library technical assistant programs appear to be very similar to those for other programs of comparable length. Forty-eight institutions supplied data on the number of credit hours required for an associate degree (2-year program). The number of semester credit hours required for an associate degree by the 35 institutions having the academic year organized by semester ranged from 60 to 68 semester hours with the median being 60 semester hours, while the number of credit hours required by the 13 institutions having the academic year organized by quarter ranged from 90 to 109 quarter hours with the median being 96 quarter hours. Twenty-five institutions supplied data on the number of credit hours required for a library technician certificate. For the 19 institutions organized by semester, the requirement for the library technician certificate ranged from 12 to 30 semester hours with the median being 24 semester hours. For the 6 institutions organizing the academic year by quarter hours, requirements for the library technician program ranged from 24 to 52 quarter hours with the median being 38 quarter hours.

CURRICULUM

The survey gathered curriculum data on: (1) the number of credit hours offered primarily for the library technical assistant program, (2) the availability of instructional technology (media) courses, and (3) the

TABLE 2. Enrollment Data for Two-Year Library Technical Assistant Programs

Number of Students Enrolled	Fall 1971[a]				Summer 1972[b]				Fall 1972[c]				Summer 1973[b]				Fall 1973[d]			
	Full-time		Part-time		Full-time		Part-time		Full-time		Part-time		Full-time		Part-time		Full-time		Part-time	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
High	11	84	5	75	2	12	1	20	5	72	9	66	1	15	0	20	8	75	11	74
Mean	1.3	13.4	.8	15.9	.4	4.1	.1	5.1	.9	12.4	.9	14.2	.3	4.2	0	4.9	1.3	12.4	1.4	16.6
Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

[a] 35 institutions reporting
[b] 10 institutions reporting
[c] 39 institutions reporting
[d] 44 institutions reporting

TABLE 3. Enrollment Data for One-Year Library Technical Assistant Programs

Number of Students Enrolled	Fall 1971[a]				Summer 1972[b]				Fall 1972[c]				Summer 1973[d]				Fall 1973[e]			
	Full-time		Part-time		Full-time		Part-time		Full-time		Part-time		Full-time		Part-time		Full-time		Part-time	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
High	1	6	10	70	0	2	14	19	2	7	6	102	0	2	10	49	4	7	4	85
Mean	.2	2.4	1.8	22.2	0	.7	4.7	10.7	.3	2.9	1.4	27.0	0	.5	3.5	24.0	.4	2.5	1.1	22.6
Low	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	14	0	0	0	0

[a] 8 institutions reporting
[b] 3 institutions reporting
7 institutions reporting
[d] 4 institutions reporting
[e] 10 institutions reporting

TABLE 4 LIBRARY TECHNICAL ASSISTANT PROGRAM FACULTY, FALL 1973[a]

Number of Faculty	Full-Time	Part-Time
High	2	15
Mean	.3	2.7
Low	0	0
Total Reported	18	144

[a] 54 institutions reporting

availability of courses in information science and automation.

The number of credit hours in the curriculum offered primarily for the library technical assistant program from the 39 reporting institutions organized by semester hours ranged from a high of 33 semester hours to a low of 12 semester hours with the mean being 20 semester hours and for the 15 reporting institutions organized by quarter from a high of 45 quarter hours to a low of 14 quarter hours with the mean being 25 quarter hours.

Sixty-five percent of the institutions responding to the question on the availability of instructional technology (media) courses indicated that specific courses in media were taught in the library science program. When asked if instructional technology (media) courses taught by other departments were accepted for credit in the library science program, 39 percent of the institutions indicated that such courses were accepted. Instructional technology (media) courses were a required part of the curriculum in 41 percent of the programs. In 91 percent of the programs students learn to operate audio-visual equipment in a required course.

In the training of library technical assistants, less emphasis appeared to be placed on courses in information science and automation. Only 13 percent of the institutions responding to the questions on the availability of specific courses on information science and automation indicated that such courses were taught in the library science program. Forty percent of the library technical assistant programs did, however, accept for credit information science and automation courses taught by other departments. In 28 percent of the programs it was reported that students used a computer in course work.

EXPENDITURE DATA

Thirty-six percent of the institutions offering library technical assistant programs indicated that the program operated on a separate, identifiable budget. Seventeen institutions supplied data on their expenses. Data was not collected on capital expenditures or fringe benefits. Table 5 indicates the wide range of expenditures for the institutions supplying data.

TABLE 5 EXPENDITURES FOR LIBRARY TECHNICAL ASSISTANT PROGRAMS, 1972/72-1973/74

	1972/73		1973/74	
Expenditures	Faculty[a] Salaries	Other[b] Expenses	Faculty[a] Salaries	Other[b] Expenses
High	$21,866	$4,000	$23,398	$4,252
Mean	10,037	1,893	10,604	2,819
Low	1,100	300	2,004	300

[a] 17 institutions reporting

[b] 8 institutions reporting

NUMBER OF DEGREES AND CERTIFICATES GRANTED

Tables 6 and 7 summarize the number of 2-year associate degrees and technical assistant certificates granted for the 1971/72 and 1972/73 school years. As in the past, most of the degrees and certificates (93 percent of the associate degrees and 95 percent of the technical assistant certificates) were earned by women. In both 1971/72 and 1972/73, more associate degrees than technical assistant certificates were granted.

TABLE 6 2-YEAR ASSOCIATE DEGREES GRANTED, 1971/72-1972/73

	1971/72[a]		1972/73[b]	
Number of Degrees Granted	Men	Women	Men	Women
High	5	30	5	30
Mean	0.8	6.1	0.6	6.5
Low	0	1	0	1

[a] 29 institutions reporting.

[b] 32 institutions reporting.

TABLE 7 TECHNICAL ASSISTANT CERTIFICATES GRANTED, 1971/72-1972/73

	1971/72[a]		1972/73[b]	
Number of Certificates Granted	Men	Women	Men	Women
High	2	25	4	38
Mean	0.2	11.2	0.7	9.3
Low	0	1	0	1

[a] 12 institutions reporting.

[b] 15 institutions reporting.

NUMBER OF KNOWN PLACEMENTS AND SALARIES

Only about one-third of the institutions were able to provide data on the number of placements, and the percentage of institutions able to provide salary data was even lower. A summary of the placement and salary data appears in Table 8.

TABLE 8 PLACEMENT AND MONTHLY SALARY DATA FOR LIBRARY TECHNICAL ASSISTANT PROGRAMS, 1970/71-1972/73

Year	*Number of Placements Reported*	*Mean Salary* *High*	*Low*
1970/71	90[a]	$585[b]	$379[c]
1971/72	152[d]	550[a]	385[e]
1972/73	157[e]	539[f]	419[a]

[a] 19 institutions reporting.
[b] 11 institutions reporting.
[c] 10 institutions reporting.
[d] 23 institutions reporting.
[e] 18 institutions reporting.
[f] 21 institutions reporting.

CONCLUSION

From the data supplied by the various institutions a composite picture of the typical library assistant program can be constructed. The program would be offered by a community or junior college in California. Although it would be a 2-year program leading to an associate degree, a student would be permitted to receive a technical assistant certificate upon the completion of the library science portion of the program. There would be 14 full-time and 18 part-time students. The faculty would consist of 3 part-time and no full-time faculty members. The degree would require 60 semester hours. About one-third of the program would consist of library science courses. In addition to the traditional library science courses, the curriculum would include training in instructional technology (media) in which the students would learn to operate audio-visual equipment. An elective course in information science and automation would be available. The use of a computer would not be included in the courses. There would be no separate budget for the program. Ten students would graduate each year. Salaries of graduates would be in the $419 to $593 per month range.

Only a few of the library technical assistant programs are past the developmental stage. At this point in time, more institutions appear to be either discontinuing or suspending programs than appear to be starting or planning to start programs. Thus, the total number of programs will probably remain fairly constant or decline slightly. Most institutions offer 2-year degree programs. Although many of those programs provide technical assistant certificates upon the completion of the library science portion of the program, the separate 1-year program is quickly disappearing. The next few years will be extremely important in the development of library technical assistant programs.

REFERENCES

[1]American Library Association. Library Education Division. "Criteria for Programs to Prepare Library/Media Technical Assistants." *American Libraries* 2 (November 1971): 1059.

[2]American Library Association. *Library Education and Manpower: A Statement of Policy Adopted by the Council, June 30, 1970.* Chicago: American Library Association, 1970. The proposal for this policy appeared originally in *American Libraries* 1 (April 1970): 341-44.

[3]*Library Technical Assistant: A Suggested Two-Year Post-High School Curriculum.* Washington, D.C.: U.S. Government Printing Office, 1973, p. 5.

[4]Ibid., p. 16.

Library Education in Canada

Kenneth H. Plate

As in previous reports, the programs represented in this survey fall into three major categories:

1. Eight graduate library education programs
2. Seven school librarianship programs offered by faculties of education
3. Fifteen library technical assistant programs (called library technician programs in Canada) out of a total of twenty-four known programs

1. *Graduate Library Education Programs*

Recent developments

The transition from the one-year BLS to the two-year MLS across Canada is nearly complete. Only one school, Alberta, still offers the BLS program. Ottawa's graduate program (both BLS and MLS) has been discontinued reducing by one the number of Canadian graduate library schools.

Both Toronto and Western Ontario have Ph.D. programs and at this writing one Ph.D. candidate at Toronto will be awarded the degree in June 1974. This degree will represent the first Canadian Ph.D. in library science and is an important benchmark in the maturation of library science as a discipline in this country.

Enrollment

The library school enrollment for the fall terms 1971-1973, according to Table 1, suggests a nearly steady state for the three-year period, with Ottawa reducing enrollment and other schools showing a slight increase. Since these figures represent students enrolled in two-year programs (exceptions being some students at Alberta and Ottawa) they should not be confused with numbers of graduates see Table 3).

The breakdown by sex for 1971-1973 is shown in Table 2.

Degrees

The number of degrees awarded in 1972/73, as shown in Table 3, is 491. This compares with 417 for the previous year and with 547 for 1969/70, a drop of 9 per cent in the three-year period. It must be noted that the reduction in degrees awarded is due to the transition from a one-year BLS to the two-year MLS as the first professional degree in some schools which resulted in a "lost year" for one graduating class with the exception of those students already holding the BLS degree who were able to complete the new MLS in one year. At the sixth-year second-level professional degree (the former Canadian MLS degree), 44 were awarded in 1972/73 and 39 awarded in 1971/72. BLS graduates continue to return to library schools for the MLS degree.

Placement

As in the rest of North America, the period 1970-1973 has been a difficult one for placement officers and library

TABLE 1. TOTAL ENROLLMENT IN CANADIAN GRADUATE LIBRARY SCHOOL PROGRAMS, 1971-1973

	Number of Students Enrolled in Graduate Library School Programs											
	Fall 1971				*Fall 1972*				*Fall 1973*			
	*Masters**		*Other*		*Masters**		*Other*		*Masters**		*Other*	
Library School	*FT*	*PT*	*FT*	*PT*	*FT*	*PT*	*FT*	*PT*	*FT*	*PT*	*FT*	*PT*
Total	802	271	3	33	784	291	5	32	822	231	7	35
Alberta	59	—	—	12	62	—	—	9	73	3	—	18
British Columbia	60	5	—	—	103	7	—	3	118	10	—	2
Dalhousie	56	2	—	2	63	4	—	—	65	4	—	—
McGill	107	25	—	5	111	23	—	6	112	19	—	2
Montréal	65	89	—	5	83	83	—	2	98	66	—	1
Ottawa	90	17	—	2	4	37	—	2	—	12	—	—
Toronto	208	97	3	4	234	96	5	3	224	89	7	5
Western Ontario	157	36	—	3	124	41	—	7	132	28	—	7

*Includes B.L.S. programs at Alberta and Ottawa

TABLE 2 FULL-TIME ENROLLMENT IN GRADUATE LIBRARY SCHOOL PROGRAMS BY SEX

Year	*Number of Students Enrolled Full-time* Total	Men	Women
Fall 1971	805	201	604
Fall 1972	789	214	575
Fall 1973	829	230	599

school graduates. One need only compare the numbers of degrees awarded in Table 3 with the placement statistics reported in Table 4 to see the effect of economic retrenchment on placement of graduates. In 1969/70, 465 placements were reported for 547 graduates, representing .85 jobs per graduate and in 1972/73, only 266 placements are reported for 491 graduates, representing .54 jobs per graduate.

Beginning salaries

Table 5 indicates that salaries continue to rise with the largest percentage increase occurring in college and public libraries. Special libraries lag behind others in real salary, this again being similar to conditions in North America generally.

Faculty

According to Table 6, there was a total of eighty-five full-time faculty members in seven Canadian library schools in the fall of 1973. By comparison, three years previous there was a total of eighty-seven in eight schools. The median faculty salary in 1970 was about $15,225; in 1973 the comparable figure was $19,000 (Table 7).

2. *Faculty of Education School Librarianship Programs*

Insofar as the statistics in this survey are comparable to data gathered for 1966-70, enrollment in school librarianship programs has declined in most faculties of education, most notably at the University of British Columbia and to a lesser degree at Toronto and Saskatchewan. Other faculties show a modest increase or a levelling in enrollment.

As indicated in Table 8, the total fall enrollments are 158 for 1971, 166 for 1972, and 228 for 1973.

The number of credit hours offered in school librarianship programs varies from 6 at Ottawa to 20 at Queen's as indicated in Table 9. This table also reveals that the seven institutions reported 11 full-time and 5 part-time members of faculty.

A more complete picture may be obtained by reading the article by Margaret B. Scott (1972) and the survey by Grace d'Arcy (1972), the latter being a report of "programs offered for school librarianship in Canada. . .arranged by province from west to east. . .".

3. *Library Technician Programs*

Reports were received from fifteen library technician programs out of a total of twenty-four known regularly scheduled programs of this category in Canada. An excellent source of information about such programs is the annual report of the Canadian Library Association's Sub-Committee on the Training of Library Technicians chaired by Professor John Marshall of the Faculty of Library Science, University of Toronto. The annual reports contain length of program, admission procedures, entrance standards, qualifications of course director, course offerings and statistics of graduates and placements. Data are reported for all such English-language programs in Canada. Data on French-language programs are being collected by l'Association pour l'arrancement des sciences et des techniques de la documentation (ASTED). Because statistics are being gathered and published on a regular basis, the low response to the present survey is not surprising.

The fifteen programs report that full-time enrollment for 1971 totals 774; for 1972 it totals 1,004 and for 1973, 920 (Table 10). The decline in full-time enrollment for 1973 is perhaps explained by the trend toward part-time

TABLE 3 NUMBER OF DEGREES GRANTED, 1971-1973

	Number of Degrees Granted			
	1971/72		*1972/73*	
Library School	*First Professional Degree*	*2d-level* Intermediate*	*First Professional Degree*	*2d-level* Intermediate*
Total	417	39	491	44
Alberta	58	—	57	—
British Columbia	—	3	47	—
Dalhousie	26	—	30	—
McGill	71	—	59	—
Montréal	40	—	54	—
Ottawa	—	—	—	—
Toronto	72	36	111	44
Western Ontario	150	—	133	—

*M.L.S. degree in addition to B.L.S. earned previously; some schools e.g. Montréal, McGill, Western Ontario considered the M.L.S. as the first professional degree in their report and did not distinguish between the M.L.S. degrees awarded to holders of the B.L.S. and those for whom the M.L.S. was, in fact, the first professional degree.

TABLE 4 PLACEMENT BY TYPE OF LIBRARY, 1971-1973

	1970/71					*1971/72*					1972/73				
SCHOOL	TOTAL	PUBLIC	SCHOOL	COLLEGE	SPECIAL	TOTAL	PUBLIC	SCHOOL	COLLEGE	SPECIAL	TOTAL	PUBLIC	SCHOOL	COLLEGE	SPECIAL
TOTAL	301	91	53	107	50	253	87	35	60	71	266	97	34	70	65
Alberta	41	15	14	5	7	51	19	8	11	13	49	19	9	9	12
British Columbia[a]	66	38	11	17	—	—	—	—	—	—	—	—	—	—	—
Dalhousie	23	3	2	18	—	21	10	6	3	2	27	6	7	10	4
McGill[b]	—	—	—	—	—	—	—	—	—	—	—	—	—		—
Montréal	33	4	8	11	10	23	1	—	11	11	17	2	1	7	7
Ottawa[b]	—	—	—	—	—	—	—	—	—	—	—	—	—		—
Toronto[a]	—	—	—	—	—	68	26	5	18	19	84	35	2	18	29
Western Ontario	138	31	18	56	33	90	31	16	17	26	89	35	15	26	13

[a] Information not provided for years in which none is shown.
[b] Information not available.

TABLE 5 MONTHLY BEGINNING SALARIES BY TYPE OF LIBRARY, 1971-1973

	Monthly Beginning Salaries							
Type of	*1970/71*		*1971/72*		*1972/73*		*Increase of 1972/73 over 1970/71 in %*	
Library	*High*	*Low*	*High*	*Low*	*High*	*Low*	*High*	*Low*
School	1,168	683	1,166	786	1,226	891	5	30
College	708	603	868	657	908	702	28	16
Public	697	603	779	667	870	697	25	16
Special	688	596	797	639	782	649	14	8

TABLE 6 GRADUATE LIBRARY EDUCATION PROGRAMS: NUMBER OF FACULTY AND STAFF BY PROVINCE AND INSTITUTION, FALL 1973

	Number of Faculty		*Number of Staff*	
Province and Institution	*FT*	*PT*	*FT*	*PT*
Total	85	50	59	54
Alberta				
University of Alberta	9	—	2	—
British Columbia				
University of British Columbia	12	5	2	8
Nova Scotia				
Dalhousie University	6	9	2	26
Ontario				
Universite d'Ottawa	—	—	—	—
University of Toronto	22	13	24	16
University of Western Ontario	20	3	18	—
Quebec				
McGill University	8	8	4	3
Universite de Montréal	8	12	7	1

TABLE 7 GRADUATE LIBRARY EDUCATION PROGRAMS: SALARIES, FALL 1973

	Salaries								
Faculty Position	$8,000- 9,999	$10,000-11,999	$12,000-13,999	$14,000-15,999	$16,000-17,999	$18,000-19,999	$20,000-21,999	$22,000-23,999	$24,000-and over
Total	2	4	9	4	8	10	9	9	7
Head of Program	—	—	—	—	—	—	1	2	1
Assoc. or Asst. Head of Prog.	—	—	—	—	—	1	—	—	—
Professor	—	—	—	—	—	1	—	3	6
Assoc. Professor	—	—	—	—	6	7	8	4	—
Asst. Professor	—	—	8	4	2	1	—		—
Instruc./Lecturer	2	4	1	—	—	—	—	—	—

TABLE 8 FACULTY OF EDUCATION SCHOOL LIBRARIANSHIP ENROLLMENTS BY PROVINCE AND YEAR

	Number of Students Enrolled in School Librarianship				
Province and Institution	*Fall 1971*	*Sum 1972*	*Fall 1972*	*Sum 1973*	*Fall 1973*
Total	158	206	166	218	228
British Columbia					
University of British Columbia	14	13	10	6	11
Manitoba					
University of Manitoba	—	—	—	90	81
Ontario					
Université d'Ottawa	4	100	13	75	13
University of Toronto	45	47	39	49	45
University of Western Ontario, Althouse College of Education	34	68	30	43	26
Queen's College	48	60	63	44	45
Saskatchewan					
University of Saskatchewan, Saskatoon	13	18	11	11	7

TABLE 9 NUMBER OF FACULTY AND CREDIT HOURS TAUGHT BY FACULTY OF EDUCATION SCHOOL LIBRARIANSHIP PROGRAMS, FALL 1973

	Full-time Faculty		*Part-time Faculty*	
Institution	*No.*	*Hours Taught*	*No.*	*Hours Taught*
University of British Columbia	3	10	—	—
University of Manitoba	1	15	2	3
Université d'Ottawa	1	6	—	—
University of Toronto	3	9	—	—
University of Western Ontario	1	8	—	—
Queen's University	1	20	—	—
University of Saskatchewan	1	8	3	3

TABLE 10. Number of Course Hours Offered and Enrollments in Library Technician Programs, Fall 1971, 1972, 1973

Province and Institution	Number of Course Hours Offered in 1973	Number of Students Enrolled in Library Technician Programs																	
		Full-Time									Part-Time								
		Fall 1971			Fall 1972			Fall 1973			Fall 1971			Fall 1972			Fall 1973		
		Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
Total		774	103	671	1004	90	914	920	57	863	35	0	35	151	0	151	224	5	219
Alberta																			
Grant MacEwan Community College, Edmonton	27	22	0	22	36	2	34	43	3	40	2	0	2	2	0	2	38	0	38
British Columbia																			
Vancouver City College	24	—	—	—	—	—	—	38	0	38	—	—	—	—	—	—	4	0	4
Manitoba																			
Red River Community College, Winnipeg	50	25	5	20	24	2	22	30	2	28	—	—	—	—	—	—			
Ontario																			
Fanshawe, London	—	50	6	44	46	3	43	42	3	39	—	—	—	—	—	—	2	0	2
Niagara, Welland	28	32	2	30	43	1	42	37	1	36	1	0	1	—	—	—	9	0	9
St. Clair, Windsor	—	28	1	27	18	0	18	7	0	7	—	—	—	—	—	—	2	0	2
Seneca, North York	—	—	—	—	132	8	124	89	7	82	—	—	—	112	0	112	107	0	107
Sheridan, Brampton	48	46	6	40	51	2	49	59	4	55	23	0	23	34	0	34	26	0	26
Lakehead University, Thunder Bay	26	98	12	86	95	9	86	48	8	40	7	0	7	3	0	3	5	0	5
Quebec																			
John Abbott, Ste.-Anne-de-Bellevue		—	—	—	30	0	30	55	0	55	—	—	—	—	—	—	1	0	1
Jonquière	22	169	39	130	165	31	134	143	18	125	—	—	—	—	—	—	—	—	—
Lionel-Groulx, Ste.-Thérèse-de-Blainville	—	123	25	98	151	22	129	141	0	141	—	—	—	—	—	—	10	0	10
Maisonneuve, Montréal	90	151	6	145	171	7	164	151	8	143	—	—	—	—	—	—	—	—	—
Champlain Regional College, Lennoxville	34	—	—	—	12	2	10	7	1	6	—	—	—	—	—	—	20	5	15
Saskatchewan																			
Kelsey Institute of Applied Arts & Sciences, Saskatoon	20	30	1	29	30	1	29	30	2	28	—	—	—	—	—	—	—	—	—

TABLE 11. DEGREES, PLACEMENTS, AND SALARIES IN LIBRARY TECHNICIAN PROGRAMS, 1971-1973

	Number of Degrees Awarded						*Number of Placements*			*Monthly Salaries Offered Upon Employment*					
	1972			*1973*						*1971*		*1972*		*1973*	
Institution	*Total*	*Men*	*Women*	*Total*	*Men*	*Women*	*1971*	*1972*	*1973*	*High*	*Low*	*High*	*Low*	*High*	*Low*
Total	375	—	—	362	—	—	103	235	211	—	—		—	—	—
Grant MacEwan	—	—	—	13	0	13	—	—	13	—	—		—	600	400
S.A.I.T.*	14	—	—	—	—	—	—	14	—	—	—	—	—	—	—
Vancouver	—	—	—	10	0	16	10	—	8	—	—	—	—	—	—
Red River	16	5	11	18	2	16	—	—	15	—	—	—	—	850	350
Algonquin*	31	—	—	—	—	—	—	31	—	—	—	—	—	—	—
Cambrian*	12	—	—	—	—	—	—	12	—	—	—	—	—	—	—
Fanshawe	24	4	20	23	2	21	—	24	21	—	—	467	383	542	400
Niagara	11	2	9	16	1	15	10	11	12	440	350	460	400	490	430
St. Clair	13	1	12	9	0	9	9	8	4	458	—	550	—	458	—
Seneca	33	1	32	40	2	38	—	—	—	509	417	624	317	—	—
Sheridan	16	4	12	25	1	24	—	13	24	—	—	440	315	475	420
Lakehead	27	2	25	38	5	33	—	—	—	—	—	—	—	—	—
Ryerson*	40	—	—	—	—	—	—	40	—	—	—	—	—	—	—
Jonquière	57	15	42	49	13	36	45	57	28	400	320	440	360	520	420
Lionel-Groulx	23	7	16	32	6	26	—	20	—	—	—	614	458	625	475
Maisonneuve	31	4	27	60	4	56	—	31	60	—	—	483	417	533	475
Kelsey	28	1	27	29	1	28	29	24	26	462	291	450	300	580	329

*Data supplied by Professor John Marshall, Faculty of Library Science, University of Toronto.

from 5 percent of total enrollment in 1971 to 24 percent in 1973; this trend is almost exclusively a phenomenon caused by women students.

The total number of degrees awarded (Table 11) reflects a levelling off similar to that in graduate library education programs. In 1971 the monthly salaries for 103 known placements ranged from a high of $509 to a low of $291; in 1972 the high was $624 and the low was $300; in 1973 the high was $850 and the low was $329. No breakdown is given of graduates with and without library experience but conversations with course directors confirm that the large spread between highs and low is the result of some graduates with considerable experience (the highs) who return to their library and who accept positions of increased responsibility such as branch head.

Fourteen of the fifteen programs have required courses in audio-visual equipment, twelve have required courses in instructional technology, and eight in information science. Eight programs reported that their students use a computer in course work.

Each program claimed at least one full-time faculty member; seven reported two and one each reported three, five and six.

As few programs reported separately identifiable budgets no meaningful statistics can be presented.

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Library Education in North America Outside The United States and Canada

William Vernon Jackson

The present chapter covers library education in North America outside the United States and Canada—an area which embraces the Caribbean, Middle America, and Mexico. Since the educational patterns and systems of the nations in these regions differ not only from those of the United States and Canada but also vary greatly from one country to another and since data fully comparable to that utilized in the previous chapters of this *Directory* are not available, this report is primarily a descriptive survey of the library education programs found in the area.

It is limited to library schools which are in operation at the present time; there is no mention of short courses, institutes, and other training programs which have taken place over the years, unless they have led to permanent library education programs at the university level. To the extent that information is available, the account of each school (for convenience, we have used the expression "library school," although not all programs are so designated, some being "departments" or "programs") includes brief historical background, requirements for admission and for the degree, enrollment, curriculum, faculty, professional library, quarters, and other observations. However, due to differences in the schools themselves and to limitations in data, actual coverage varies from one institution to another. The Bibliography at the end provides sources for those who wish more information; however, this report also draws appreciably on unpublished material.

In fact, not many library schools are found in this area: only seven countries have programs. Moving approximately in clockwise direction from the United States, they are Puerto Rico, Cuba, Jamaica, Panama, Costa Rica, Guatemala, and Mexico. The account below follows this order in describing them.

PUERTO RICO

Not surprisingly the library school that most closely resembles those in the United States is the Graduate School of Librarianship of the University of Puerto Rico. For some years both educators and librarians in that Commonwealth had been concerned with the personnel situation in libraries, especially those at the University itself, and consequently there were suggestions that a library school was needed to help remedy the situation. Not until the late 1960's, however, did 2 concrete developments provide the immediate antecedents for the present school. In January, 1968, Robert S. Burgess, Professor at the School of Library and Information Science, State University of New York at Albany, arrived in San Juan with an assignment involving 7 tasks related to creation of a library school: "(1) teaching graduate courses in the spring and summer sessions, (2) advising on the curriculum and writing course descriptions, (3) assisting in the preparation of an application for a federal grant for a year-long institute, (4) helping to recruit faculty and special lecturers, (5) surveying and making recommendations regarding acquisitions, (6) conducting the initial screening of new applicants for the extension courses and for the year-long institute, and (7) advising faculty appointees who were to be sent to the U.S. for an additional year of study."[1] The federal grant referred to in (3) above was to be a proposal to the Office of Education, so that a group of 25 professional librarians could have post-baccalaureate study; it was candidly admitted that such an institute would indeed be the first phase in establishing a library school, since the participants were to have the same background as if attending a graduate library school and were to complete a similar program (36 hours). On receipt of an award of $211,338 from the Office of Education, the institute became a reality and operated from August 1968 through July 1969. In the spring of 1969, while the Institute was still in progress, the University formally established the Graduate School of Librarianship *(Escuela Graduada de Bibliotecología)*, and the Academic Senate provided a mechanism through which those completing all work in the Institute could be considered graduates of the School and be granted the master's degree.

The School began operations in August of 1969 and so completes its first five years in July 1974. It has published several catalogs, the first covering the two years 1969/70 and 1970/71 and the latest, the year 1974/75.

The general admission requirement is the bachelor's degree, with a grade point average of 2.5 for the last two years (60 semester hours), on a scale where A = 4, B = 3, etc. *The student must know both Spanish and English,* since lectures are generally given in Spanish, while required readings (and most of the literature of librarianship) are in English. Applicants should also have the ability to pursue graduate work in librarianship, as evidenced in a personal interview, letters of recommendation, and/or entrance examinations if thought necessary. The School has from the outset limited its enrollment, both to control class size and to help regulate the employment situation by avoidance of placing too many librarians on the market in a short period of years. Despite this limitation the School has welcomed students from Spanish-speaking countries and has had several from Colombia, Costa Rica, and Panama.

The degree offered is the Master of Library Science, requiring completion of 36 hours of graduate courses—30 of them in librarianship and the remaining 6 in other fields. A student must earn a final academic average of 3.0 on the scale given above, although he may have an average of 2.5 for his first 12 hours and 2.9 for his first 24 hours. Since the normal load is 12 credits per semester or 6 in the summer,on a full-time basis the degree requires 3 semesters for completion, or 2 semesters and 2 summer sessions. The School does allow a 5-year period for students who carry less than a full load to meet all requirements.

At present the curriculum consists of 27 different courses, grouped into the 7 areas given below (which represents an increase from the 19 listed in the initial catalog).

General

501 Libraries as Organizations
503 Acquisition and Collection Building
507 History of Books and Libraries
509 Audio-Visual Materials in Libraries
511 Administration of Libraries
515 Library Problems and Research Methods

Cataloging and Classification

521 Introduction to Bibliography and Cataloging
523 Classification and Indexing of Library Materials
525 Special Problems in Cataloging and Classification

Reference and Bibliography

531 Reference and Information Sources
533 Library Materials in the Humanities
535 Library Materials in the Social Sciences
537 Library Materials in the Natural Sciences
539 Serials and Documents
541 Library Materials in Education
543 Latin American Bibliography

Children's and School Libraries

551 The School Library as a Center for Curricular Resources
553 Analytic Study of Children's Literature

Library Services

561 Planning Library Service
563 Library Service for Children and Young People
565 Selection of Reading Materials for Youth
567 Library Service for Adults

Automation

581 Documentation and Information Retrieval
583 Mechanization and Automation in the Library

Special Courses

591 Independent Study
593 Special Topics in Library Science
595 Workshop

All courses carry 3 credits. Five of them (501, 503, 521, 523, and 531) compose the core program required of each student, who then chooses the remainder of his courses in accordance with the type of library in which he is interested (academic, school, public or special).

The faculty has shown a high degree of stability. Five of the 6 listed in the first catalog still teach. Of this initial faculty, the director (Frederick E. Kidder) holds the doctorate and the remainder the master's degree, but several in the latter group have since completed advance certificates (i.e., post-master's work). Of the 2 new faculty, 1 holds the doctorate, the other the master's degree. Appointments, like those for their counterparts in U.S. schools, are generally made on a full-time basis. One special feature of the faculty deserves mention: to avoid insularity, generally the School has invited a visiting professor each year—among them, Luther Evans and Guy Lyle—from the mainland.

The School occupies quarters in a wing recently added to the University Library. They provide for administrative space, faculty offices, classrooms, seminar, and library. The library science library now contains about 11,000 volumes; while it is strongest on current literature, basic runs of journal files are available. As funds permit, the School is adding to holdings of older material.

From the outset the School has aimed at a program accredited by the American Library Association. Although it has not yet formally requested an accreditation visit, it has twice invited consultants to assist in preparing for this; Leon Carnovsky, Professor at the Graduate Library School, University of Chicago, went to Puerto Rico in the spring of 1971, and Edwin S. Gleaves, Director of the School of Library Science, George Peabody College for Teachers, in the spring of 1973. Both consultants prepared generally favorable reports, but each suggested improvements in certain areas.

CUBA

There is little information available about the current state of education for librarianship in Cuba. Apparently the program at the University of Havana (established in 1946) has continued, save for periods when the University itself was closed. The extent to which course offerings and content may have changed is not known; nor is there data on enrollment and faculty for the past decade or so. The other program which existed prior to 1959, the Cuban Library School *(Escuela Cubana de Bibliotecarios)*, sponsored by the *Sociedad Económica del País*, was closed in 1960. Short courses and at least 1 series of 30 lectures given by an Indian librarian have taken place since 1960.

JAMAICA

By the early 1960's the members of the library associations of Jamaica and of Trinidad and Tobago had reached the conclusion that library development in the English-speaking Caribbean required the creation of a permanent library training facility in the region, preferably through the provision of a B.A. degree program at the University of the West Indies, itself an institution supported by contributions from these islands. Although the University accepted this recommendation in principle, for some years the failure of all efforts to secure funding both within and from outside the region prevented initiation of the program. Finally after securing the assistance of J. Periam Danton, Professor at the School of Librarianship at the University of California (Berkeley), as a UNESCO expert in 1968 and receiving his recommendation to establish a library school, the government of Jamaica obtained financial assistance from UNESCO through the United Nations Development Program (UNDP), and the University Grants Council in April 1971 approved the projected school (as the Department of Library Studies in the Faculty of Arts and General Studies) and accepted responsibility for its financing at the end of the UNESCO grant.

As a part of the Faculty of Arts and General Studies, the Department holds the same general requirements for matriculation in degree courses as other departments. Basically this means admission for holders of the General Certificate of Education (G.C.E.), who satisfy either Scheme A or Scheme B below, provided they have included a G.C.E. 'O' level pass in English language or the equivalent:

Scheme A: Passes in *five* subjects of which at least *two* must be at the Advanced Level or equivalent
Scheme B: Passes in *four* subjects of which at least *three* must be at the Advanced Level or equivalent

There are, however, a number of variations or alternate possibilities—e.g., holders of certificates or diplomas from agricultural, teacher-training, commercial and technical institutions of higher education recognized by the University's Senate and holders of statements of eligibility for matriculation issued by the University of London. The Department of Library Studies gives preference to students possessing a pass in a foreign language and particularly in those with some prior experience in library work.

The Department's basic program leads to the B.A. degree after 3 years of study (14 courses). It consists of a combination of library science courses, compulsory university courses, and other courses as chosen from the G-9 option in the Faculty of Arts and General Studies. The basic program is outlined below:

First Year (4 courses)

1. LS 100 Introduction to Library Studies
2 & 3. 2 of any year 1 courses (or two half courses) chosen from:
    (a) Languages: Spanish, French, German, English
    (b) Literatures: Spanish, French, German, English
    (c) History, Sociology, Psychology, Philosophy, Economics, Geography, Education
    (d) Mathematics, Physics, Chemistry, Botany, Zoology, Geology
4. The Use of English (compulsory University course)

Second Year (5 courses)

1. LS 200 Administration I
2. LS 210 Cataloging and Classification I
3. LS 220 Bibliography I
4. One of any year 2 courses, chosen from among the subjects studied in year 1
5. History of the Caribbean (compulsory University course)

Third Year (5 courses)

1. One course chosen from LS 301, LS 302, LS 303:
    LS 301 Public Library Administration
    LS 302 University and Research Library Administration
    LS 303 Special Libraries and Information Centers
2 & 3. Two courses chosen from LS 310-LS 363:
    LS 310 Cataloging and Classification II
    LS 330 Comparative and International Librarianship
    LS 340 Literature and Librarianship for Children and Young People
    LS 345 History of the Book
    LS 350 Archive Administration
    LS 355 Automation in Libraries
    LS 361 Literature and Librarianship of Science and Technology
    LS 362 Literature and Librarianship of the Humanities
    LS 363 Literature and Librarianship of the Social Sciences

4. One of any year 3 courses in the non-librarianship subject studied in year 2, or (with the approval of the Head of Department) a year 2 subject in the other subject studied in year 1.
5. Caribbean Studies (compulsory University course)

The School's catalog cautions students that the choice of electives is dependent on the courses given under the College's G-9 option, with admission dependent upon approval by the respective Head of Department, and also that not all options listed will be available every year.

Students must pass the appropriate examination in each subject and must also complete 2 6-week periods of supervised field work in approved libraries.

The Department also offers 2 other academic programs: (1) a special undergraduate program for possessors of the Associateship of the [British] Library Association (A.L.A.) and (2) a Postgraduate Diploma Course. The former is a modification of the undergraduate program, in which students are exempted from 3 first year (LS 100 and two others) and 3 second year courses (LS 200, 210, and 220), resulting in a 2-year program. The first of these consists basically of fulfilling course requirements from which they did not receive exemption, and the second resembles the third year for regular undergraduate students.

In the Postgraduate Diploma Course the student completes 6 courses, 3 required and 3 chosen from certain groups:

1. LS 400 Management of Libraries
2. LS 410 Organization of Knowledge
3. LS 420 Bibliography and Reference Work
4. One course chosen from the administration courses: LS 301, 302, 303 (when studied by students in the Postgraduate program, they carry numbers LS 401, 402, 403)

5 & 6. Two courses chosen from remainder of offerings (with the exception of LS 310):
LS 330, 340, 345, 350, 355, 361, 362, 363 (when studied by students in the Postgraduate program, they carry numbers of LS 430, 440, 445, 450, 455, 461, 462, 463)

In addition to these course requirements, students must have work experience of not less than 3 months in an approved library under supervision. Normally this will come in the summer following completion of the formal course work.

The new Department began its undergraduate program in October 1971 (with first students to receive their degrees in 1974), and the Postgraduate Diploma Course 2 years later. Initial enrollment in the former came to 30, drawn from Antigua, Barbados, Dominica, Guyana, Jamaica, and Trinidad and Tobago. In 1972/73 regular enrollment (i.e., exclusive of the special course described below) amounted to 52 students from 12 countries; for 1973/74 the Department anticipated a sizeable increase due to new first-year students and to the admission of the first group in the Postgraduate Diploma Course (due to limited scholarship funds, only 11 matriculated for the latter program).

Actually the first persons to complete a course of study in the new department received certificates in August 1973 upon completion of a special summer course for teacher-librarians. This course ran for 10 weeks in the summers of 1972 and 1973, with supervised field work during the intervening year. There were 20 participants from 9 countries in this program; they had to be practicing teachers who held a certificate from any recognized teacher-training institution. During these sessions the topics covered were educational background for teacher-librarians, school libraries, organizing the library, building the library collection, technical services, some services of the school library, and children's literature; at the end there were field visits to school libraries in Jamaica.

The faculty consists of 4 full-time persons (the grant from the United Nations mentioned below finances the service of 2). The Department's first head (1971-1974) was Dorothy G. Collings, holder of the doctorate from the University of Chicago Graduate Library School and widely experienced in many parts of the world as UNESCO and United Nations staff member. Other faculty have the F.L.A., and some additional degrees as well. During the absence of a faculty member on study leave in the United States for 1973/74, the School of Library and Information Science, University of Western Ontario, agreed to furnish the equivalent of a replacement by sending successively 4 of its faculty to Kingston. In addition to the regular staff, a number of librarians from other West Indian institutions (chiefly those in Jamaica for obvious reasons) serve as part-time teachers and/or offer individual lectures.

In order to assist the Department and the library profession in the Caribbean to work together, there is an Advisory Committee with representatives from the chief employing libraries of the region. Under the chairmanship of the U. W. I. Pro-Vice-Chancellor for Planning, the Committee includes librarians from Jamaica, Trinidad and Tobago, Barbados, British Honduras, and Guyana.

Following the British pattern of higher education, the Department has External Examiners, whose duties include commenting on the draft question papers in relation to the syllabus, reading and commenting on the examination papers, reporting to the Registrar on the standard of the examination as a whole, and performing such other duties as may be required. Present examiners for the Department come from the United Kingdom, Canada, and the United States.

For some years, both to meet its own needs and in anticipation of the establishment of a library school, the University Library has been developing its resources in bibliography and library science; it is of course also strong in West Indian publications. However, the Department has established its own laboratory library to serve as a teaching aid and to provide more immediate access to professional literature, especially reports, studies, surveys, conference papers, and other non-trade items. Special funding for this collection, in the form of grants from the Organization of American States (OAS) for 1973/74 and 1974/75, has provided over $15,000 to acquire and process materials.

Financial support for the School's initial years has come from 3 sources. United Nations Development Program (UNDP) supplies funding for (1) 2 experts' posts, one to serve as Director and the other as visiting lecturer, (2) 30 fellowships at regional rates, and (3) limited funds for expendable equipment; this commitment amounts to $526,940 for the period 1971/76. For the same period the University of the West Indies is providing $199,252 for current and capital expenses. In addition, grants of $30,288 for 1973/74 and $30,875 for 1974/75 from the Organization of American States (OAS) are aiding in the development of regional teaching staff and of instructional resources and in buying equipment needed for teaching and demonstration purposes.

At first housed temporarily in the University's Institute of Education, the Department now occupies its own quarters, which were constructed by the University adjacent to the Institute. Formally dedicated in March 1973, these quarters provide space for administration, faculty offices, and library; the University Registrar schedules classes in general classroom buildings nearby.

MIDDLE AMERICA

As indicated at the opening of this report, three of the countries in Middle America have permanent library schools. Starting in Panama, the southernmost of these nations, one finds that the Library School *(Escuela de Bibliotecología)* at the University of Panamá was established in 1941, as a program within the Faculty of Philosophy, Letters, and Education. Although for some years it offered courses only in the summer session and has not operated continuously since its foundation, for a long time the School has had a program leading to the *licenciatura*, the basic degree in Latin American universities. A second program, embracing some work in education and psychology, is available for those who wish to become teachers of library science. Each requires 5 years to complete, with about 30 hours of credit per year. The courses include general cultural as well as professional subjects; both programs require a paper or thesis *(trabajo de graduación)*.

Students must be admitted to the Faculty, as either secondary or normal school graduates *(bachilleres* or *maestros)*. The curriculum includes courses as indicated below.

First Year: Introduction to Library Science; Bibliology; Introduction to Natural Sciences; Spanish Language and Literature; History of Civilization; English (total of 30 credits).

Second Year: Cataloging and Classification; Library Services; Bibliography and Book Selection; Introduction to Social Sciences; Introduction to Philosophy (47 credits).

Third Year: Reference Works; History of Art *or* Music Appreciation *or* Dramatic Art; Logic; French (30 credits).

Fourth Year: Organization and Administration of Libraries; Techniques for Research Work; Universal Literature; History of Panamá (23 credits).

Fifth Year: Special Methods and Practices in Library Service; Problems of Panamanian Libraries; Paper (20 credits).

Since most students are part-time, the variation in credit from year to year probably causes few discrepancies in the load actually carried; for the same reason it is doubtful that many students complete their work in less than six or seven years.

Representative titles of the *trabajo de graduación* are as follows: *"El estado actual de los servicios bibliotecarios en la ciudad de Panamá," "El servicio de extensión bibliotecaria para la República de Panamá,"* and *"El bibliotecario, un profesional al servicio de la cultura."*

Over the years the faculty has, for the most part, consisted of Panamanians, although in the early years a number of Americans served as visiting professors; more recently the School has often drawn its teachers, generally appointed on a part-time basis, from the staff of the University Library, USIS Library, etc. The School has developed a small professional library (over 1,000 volumes) partly through donations from USIS; students also have access to the university's central library. Since 1967 the School has published a *Boletín* with irregular frequency.

The newest program of library education in Middle America, the Department of Library Science *(Departamento de Bibliotecología)* at the University of Costa Rica began in March 1968, although antecedents and preliminary studies leading to its creation go back to short courses in the 1950's and in-service training at the University Library in the 1960's. At first a program *(carrera)* in the Faculty, since 1974 it has operated as a full-fledged department.

The course of study is a 4-year one, with subjects distributed over general cultural courses, education, and library science. By year they consist of the following:

First Year: Spanish; Foundation of Philosophy; History of Culture; a survey in the social sciences; a survey in letters or physical sciences/mathematics; a survey in biological sciences; Problems of Costa Rican Education (30 credits).

Second Year: Introduction to Library Science; Research Methods; Introduction to Technical Processes I and II; History of Books and Libraries; Philosophical and Historical Foundations of Education I and II; Educational Psychology I and II (32 credits).

Third Year: Administration of Libraries I and II;

Cataloging and Classification I and II; Reference I and II; The Reader and the Library; Selection of Materials (36 credits).

Fourth Year: Bibliography I and II; Field Work and Seminar; Foundations and Structure of the Curriculum; Mental Hygiene; Seminar in Education (28 credits).

The same standard for admission exists for the Department as for other parts of the University: the high school diploma *(bachillerato en enseñanza media).*

Successful completion of the program outlined above (a total of 126 credits) leads to the title of bachelor in education with specialization in library science *(bachiller en educación con especialidad en bibliotecología).* (It is interesting to note the Costa Rican use of *bachiller* for a university title—in contrast with other countries—and *bachillerato* for secondary school.)

Eighteen students have already completed the course, and the department hopes to graduate between 25 and 30 per year. Total enrollment is about 110.

The faculty numbers 7 at present, of which 2 are half-time and the remainder part-time. Four are graduates of the school; most experienced in the group are the director and associate director of the University Library, who of course teach part-time. Plans call for further training of the faculty through scholarships for study in the U.S. and Puerto Rico. Two visiting professors—an American brought to Costa Rica under the Fulbright program and a Colombian from the Inter-American Institute of Agricultural Sciences (IICA) at Turrialba (a graduate of the Inter-American Library School in Medellín)—have taught at the school.

The University has recently approved a graduate program of 3 semesters (48 credits) which will lead to the *licenciatura en educación con especialidad en bibliotecología* (the *licenciatura* in Costa Rica is an advanced university degree). The curriculum will consist of 12 credit hours in education, 16 in library science, 13 in research methods and seminars, and 7 from fields other than library science and education (i.e., electives). Also required are a foreign language and the preparation of a thesis.

Although there is no separate library science library, students use the University Library (probably the best university library in the region), which is housed in a new building. The Department also has its quarters there.

In Guatemala the Library School *(Escuela de Bibliotecología)* operates within the Faculty of Humanities of the University of San Carlos. Established in 1948 as an outgrowth of a course in library science given the previous year, the School has modified and changed its academic program in 1949, 1955, and 1962, successively augmenting its breadth and number of courses required to complete the program. From 1955 on general cultural as well as professional courses have been required. The revisions made in 1962 form the basis of the present program, which offers students the possibility of becoming candidates for one of three titles: library assistant *(bibliotecario auxiliar),* general librarian *(bibliotecario general),* or licentiate *(licenciatura en bibliotecología);* the last of these corresponds in general to the basic degree offered by Latin American universities, although it is not precisely equivalent to the U.S. Bachelor of Arts. (It is wise to remember that in Latin America the *bachiller* is, with few exceptions, not the holder of a bachelor's degree, but rather a graduate of the *colegio* or high school.) These 3 options differ from one another primarily in the number of courses required, with the minimum for the library assistant and the maximum (some 30 courses) for the *licenciatura.* Candidates for both the *bibliotecario general* and the *licenciatura* must present a thesis.

General cultural courses, drawn from the faculty, include General and National Culture; Language; Literature; Logic; and Theory of Science. In addition, the student must take courses forming a sequence (somewhat resembling a major or minor in a U.S. college) in science or humanities.

The following courses (exclusive of seminars) form the professional program: Specialized Bibliography; General Bibliography; National Bibliography (2); Organization and Administration of Libraries (2); University and Special Libraries; Introduction to Library Science; Cataloging (2); Problems in Cataloging and Classification; Classification (2); Organization of Special Materials; History of Books and Printing; Reference; Public Service and National and International Cooperation; and Introduction to Library Techniques.

Since enrollment in the School has always been low and since students are part-time, the professional courses are offered on a cyclical basis, from year to year; very few of those listed above are taught in any given year. For the *licenciatura* the student must complete 18 cultural and 15 professional courses, satisfy a language requirement, and prepare a thesis. Once a student has completed the first 2 of these, his situation *(pendiente de tesis)* is similar to that of American graduate students who have not written their dissertation (the proverbial "ABD" category); it is common for several years to elapse before he completes his research and writing, receives approval and is awarded the *licenciatura.* As a consequence, the number of graduates per year is low. Through 1970 only 7 persons had completed the degree, although 9 more were *pendientes de tesis.*

From 1948 to 1970 a total of 40 persons completed programs in the School, receiving the following titles: *bibliotecario* 11; *bibliotecario auxiliar* 17; *bibliotecario general* 1; *licenciado en bibliotecología* 7; *diploma de aptitud en bibliotecología* 4. However, the first persons awarded the *licenciatura* did not complete their work until 1967. Titles of some theses submitted for this degree are as follows: "*La bibliografía en Guatemala, su desarrollo durante los siglos XIX y XX,*" "*Bibliografía analítica sobre la integración económica centroamericana,*" "*Bibliografía analítica de la revolución del 20 de octubre de 1944,*" "*La producción del libro en Guatemala en 1967,*" "*Bibliotecas médicas universitarias,*" and "*Conservación, reparación y restauración de libros y documentos de papel en la* *biblioteca.*" A bibliography of writings through 1970 by the School's graduates contained 33 items.

The School's faculty has always consisted of part-time instructors, and of course the number varies in accordance with the courses being offered in a particular year. Most of them are librarians from the University's Central or faculty libraries or from special libraries in the capital.

In the early years students' access to the literature of library science was limited, although some American publications were found in the library of the *Instituto Guatemalteco-Americano* (IGA), the binational center. Since 1965 the development of the University's Central Library, with assistance from AID and the Inter-American Development Bank (BID), has made available more titles not only in library science but also in general reference and bibliography; its holdings now exceed 12,000 volumes, many of them published within the past 10 years. In addition, the creation of a union catalog, with cards for volumes in the faculty and several other libraries, provides easy access to additional material; as the new campus outside Guatemala City now houses most of the university's schools, it is quite easy for students to obtain the publications located through this tool.

MEXICO

In Mexico there are 2 library schools. The National School of Library Science and Archival Study *(Escuela Nacional de Biblioteconomía y Archivonomía)* is unattached to any other educational institution, functioning as a dependency of the education secretariat of the federal government *(Secretaría de Educación Pública)*. Founded in 1945, it offers 2 programs, at different levels, in each of the fields embraced in its name. In library science, a 2-year program leads to the title Library Technical Assistant *(Auxiliar Técnico en Biblioteconomía)*. For admission students must be secondary school graduates (in Mexico this means completion of 9 years of schooling).

The curriculum for this program consists of 7 courses in the first year and 6 in the second, as follows:

First Year: History of Books and Libraries; Cataloging, Classification and Subject Headings; Introduction to Bibliography; Organization and Administration of Libraries; English; [Spanish] Grammar, Composition and Style; and Laboratory.

Second Year: Periodical and Official Publications; Book Selection and Trade Bibliography; Reference and General Bibliography; Laboratory; English; and Cataloging, Classification and Subject Headings.

The School's other program in library science more nearly corresponds to the undergraduate level in U.S. higher education. It is a 3-year program with higher admission standards leading to the Master in Library Science *(Maestría en Biblioteconomía)*. In this case the entering student must have completed not only secondary school, but also the *preparatoria* (a 2-year pre-university program)—i.e., a total of 11 years of schooling—or be a normal school graduate. Thus upon receiving the *maestría* he has completed about 14 years of study (in contrast with 16 for the B.A. in U.S. institutions). As indicated in the tabulation below, the curriculum for this program includes survey courses in several academic fields as well as additional courses in librarianship:

First Year

14 Spanish
15 History of Books and Libraries
16 Cataloging, Classification and Subject Headings I
17 History and Bibliography of Art
18 Organization and Administration of Libraries
19 Bibliographic Techniques and National Bibliography
20 English I
21 Laboratory I

Second Year

22 Bibliography and History of World Literature
23 History of Culture
24 Audiovisual Materials and Equipment
25 Periodical and Official Publications
26 Book Selection and Trade Bibliography
27 Reference
28 Cataloging, Classification and Subject Headings II
29 English II
30 Laboratory II
31 History and Bibliography of Science

Third Year

32 University and Special Libraries
33 Children's and School Libraries and Children's Literature
34 Advanced Reference
35 Documentation; Scientific and Technical Bibliography
36 Research Methods
37 Library Science Teaching
38 Laboratory III
39 Cataloging, Classification and Subject Headings III

It is interesting to note that on a quantitative basis alone the students for the *maestría* carry a heavier load: 18 courses in the first 2 years vs. 13 for the *auxiliar técnico*. In addition, all candidates for the 3 university degrees in Mexico *(licenciatura, maestría* and *doctorado)* must prepare a thesis.

Schedules generally call for classes in late afternoon and evening hours, since most students are part-time. For this reason many—perhaps most—of the students do not complete the program in the minimum period of 2 or 3 years. Moreover, additional time frequently elapses between completion of all course requirements and writing the thesis (persons in this category are informally known as *pasantes)*, so that there is a discrepancy between enrollment and degrees awarded.

The School's total faculty for its library science programs numbers twenty, with appointments nearly always on a part-time basis, although some persons teach several rather than a single course. The location of the School in the capital does of course facilitate drawing upon librarians from a variety of institutions, many of whom have studied and traveled abroad and participated in national and international meetings. Several have earned the master's degree at library schools in the United States.

The School's budget comes almost entirely from the government; students pay only a nominal fee of 100 *pesos* ($8.00) per year; and other revenue is incidental. For some years the School published a *Boletín*, but this was replaced in 1967 by *Bibliotecas y Archivos* (irregular in frequency).

The other library school in Mexico is the College of Librarianship and Archives Management *(Colegio de Bibliotecología y Archivología)*, which operates within the Faculty of Philosophy and Letters of the National University *(Universidad Nacional Autónoma de México*, UNAM). It was founded in 1956.

The College's admission requirement is completion of secondary school with the *bachiller* title (about 11 years of schooling). The program consists of 4 years of courses, including some cultural surveys; most are required, but there are some electives.

Required Courses: Introduction to Science and Technology; Introduction to Philosophy; Bibliology; History of Libraries; Organization and Administration of Libraries; Cataloging and Classification, I, II, III, and IV; Research Methods; General Libraries; Specialized Libraries; Audiovisual Materials; Reference; Bibliography I and II; Introduction to Library Science; Foundations of Education; History of Art; Technical Services; Selection of Library Materials; Sociological Aspects of Librarianship; Educational Psychology; Library Science Teaching; Mexican Bibliography; Periodical and Serial Publications; Government Publications; Documentation; Comparative Librarianship; Planning Library Service; Practicum in Library Science Teaching.

Elective Courses: History of Literature; Mexican Historiography; General Historiography; Special Bibliography; Seminar in Documentation; Introduction to Data Processing; Seminar in Problems of Transliteration; Conservation and Restoration of Books; National Libraries; University Libraries; Seminar in Library Science Research.

The requirements for the *licenciatura* degree are completion of the required courses; social service (presumably work in a library); preparation of a thesis; passing a final examination.

In addition, the College offers a program leading to the *maestría*, admission to which requires holding of the *licenciatura* in library science or another field (in the latter case students must fulfill library science pre-requisites for advanced courses), passing the admission examination, and knowledge of English and 1 other foreign language. The program lasts 3 semesters for holders of the *licenciatura* in library science, 4 for those with a degree in other fields.

The curriculum is very flexible, with the students selecting one of three areas (library education, documentation, or information science) as their major interest. They must take courses and seminars, both within the *Colegio* and in other departments, for a total of 67 credits. Degree requirements also include preparation of a thesis and final examination.

Although a full list of current faculty is not available, the *Colegio*, like the *Escuela Nacional*, has chiefly part-time teachers. Some librarians teach at both schools, but this is not the usual pattern. As a unit of the Faculty of Philosophy and Letters, the school operates on the university's campus (constructed about 20 years a go), but its quarters are in the library building.

The College sponsors an important publication, currently entitled *Anuario de Bibliotecología, Archivología e Informática* (ser. 1, 1961-65; suspended, 1966-68; ser. 2, 1969-71; ser. 3, 1972-). It includes studies and essays, book reviews, and news notes; most of the articles are written by the school's faculty. Over the years the *Anuario* has published a considerable amount of information of various types on the school itself, which would be of special interest to anyone concerned with education for librarianship in Mexico.

For some time there has been discussion in Mexico about the need for additional library education programs, including a school at the graduate level which would prepare persons for major administrative posts (e.g., directors of university libraries). In the past several years the National Council for Science and Technology *(Consejo Nacional de Ciencia y Tecnología)* has become interested in this problem, and it plans to sponsor such a program probably beginning in 1974.

In conclusion, it is interesting to note that the programs described above exhibit, in general, three different sets of conditions. One, the library school at the University of Puerto Rico very much resembles a master's program in the United States, with the essential difference being the bilingual method of instruction and some special courses (e.g., Latin American Bibliography) appropriate for the area. Another, the program at the University of the West Indies follows in part the British pattern, but shows adaptation for the Caribbean and some American influence as well. The programs in Panamá, Costa Rica, Guatemala and Mexico have, as one might expect, many parallels with the library schools in the Spanish-speaking countries of South America, but both groups of course show strong American influence in their professional curriculum.

NOTES

[1] Robert S. Burgess, "Education for Librarianship U.S. Assistance," *Library Trends* 20 (January 1972): 521-22.

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Directory of Institutions

This directory is divided into two parts. The first part contains U.S. library education programs arranged alphabetically first by state and then by institution; the second contains Canadian programs arranged alphabetically first by province and then by institution. The entry for each institution includes the address of the institution and, when known, the name, title, and phone number of the administrative official.

Each entry is followed by one or more of the symbols G, U, or T to indicate that the institution offers graduate, undergraduate, or library technical assistant programs. The symbol P following any of the program symbols identifies that institution as planning such a program. An asterisk indicates that the institution's library education program at the masters level is accredited by the American Library Association.

The institutions included in the previous edition of the *North American Library Directory and Statistics* formed the basis for this list. Additional institutions were found by consulting such reference sources as:

American Library Directory. 28th ed. New York: R.R. Bowker, 1972.

The College Blue Book. 14th ed. New York: CCM Information Corp., 1972.

Council on Library Technology. *1971 Directory of Institutions Offering or Planning Programs for the Training of Library Technical Assistants*. Edited by Noël R. Grego. Chicago: Council on Library Technology, 1971.

Statistical information on U.S. library education programs is reported in the tables in Chapter VII. Those institutions which did not respond to the survey or which replied too late for inclusion in the tables are indicated by the symbol (°).

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Tables of U.S. Library Education Programs

The tables which follow summarize data from the survey instruments returned by U.S. library education and information science programs. Tables A through G present statistical information on graduate library education programs. An asterisk (*) preceding the name of the institution indicates that its masters degree program is accredited by the American Library Association.

Tables H and I respectively present selected statistical information on undergraduate and library technical assistant programs.

The following abbreviations have been used throughout the tables:

C — Central
CC — Community College
Col — College
E — East, eastern
N — North, northern
NE — Northeast, northeastern
NW — Northwest, northwestern
S — South, southern
SE — Southeast, southeastern
SW — Southwest, southwestern
U — University
Val — Valley
W — West, western
* — ALA-accredited masters degree program

TABLE A

GRADUATE LIBRARY EDUCATION PROGRAMS: ENROLLMENT DATA BY STATE AND INSTITUTION, 1971-1973

State and Institution	Organization of School Year[a]	Number of Students Enrolled in Library and Information Science Programs																							
		Fall 1971												Summer 1972											
		Under-graduates		Masters		Post-Masters		Doctoral		Special		Other		Under-graduates		Masters		Post-Masters		Doctoral		Special		Other	
		FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Alabama																									
Alabama A & M	S	--	37	10	42	--	--	--	--	--	4	--	--	--	20	34	22	--	--	--	--	--	6	--	--
Alabama St. U.	Q	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Jacksonville St. U.	S	76	1	5	--	--	--	--	--	--	--	--	--	64	--	61	--	--	--	--	--	--	--	--	--
U. of Alabama	S	--	--	22	28	--	--	--	--	2	2	--	5	--	--	122	28	--	--	--	--	--	1	1	8
U. of S. Alabama	Q	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Alaska																									
Alaska Methodist U.	O	--	--	--	8	--	--	--	--	--	--	--	--	--	--	--	6	--	--	--	--	--	--	--	--
Arizona																									
*U. of Arizona	S	--	8	29	34	--	--	--	--	--	--	--	2	--	8	16	24	--	--	--	--	--	--	--	3
California																									
Cal. St. U.-Chico	S	20	--	53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cal. St. U.-Fullerton	S	--	--	21	123	--	--	--	--	--	--	--	--	--	--	32	130	--	--	--	--	--	--	--	--
*Cal. St. U.-San Jose	S	--	10	73	82	--	--	--	--	7	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Cal.-Berkeley	Q	--	--	130	5	--	--	17	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Cal.-Los Angeles	Q	--	--	90	1	5	1	--	--	1	--	4	--	3	--	87	--	--	--	--	--	18	--	--	--
*U. of S. Cal.	S	1	9	134	177	--	3	6	11	--	42	3	2	3	3	89	2	155	75	8	--	8	5	--	1
Colorado																									
*U. of Denver	Q	--	27	128	100	3	5	--	--	--	15	--	--	--	19	122	80	--	4	--	--	1	12	--	--
U. of N. Colorado	Q	--	--	--	--	--	--	--	--	--	--	--	--	--	--	33	--	--	--	--	--	--	--	--	--
Connecticut																									
*S. Connecticut St. Col.	S	41	--	38	177	--	--	--	--	--	31	5	7	--	--	59	43	--	--	--	--	5	2	11	20
District of Columbia																									
*Catholic U.	S	--	--	60	148	--	15	--	--	1	11	--	--	--	--	203	--	--	--	--	--	--	--	--	--
Florida																									
*Florida St. U.	Q	--	--	171	34	2	3	13	2	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Florida Tech. U.	Q	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U. of Miami	S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U. of S. Florida	Q	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Georgia																									
*Atlanta U.	S	--	--	72	66	--	2	--	--	--	--	--	2	--	13	93	91	--	4	--	--	--	--	--	8
*Emory U.	Q	--	--	76	18	--	1	--	--	3	5	--	--	--	1	109	16	--	1	--	--	1	14	--	--
Georgia Inst. Tech.	S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U. of Georgia	Q	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii																									
*U. of Hawaii	S	--	--	57	92	--	--	--	--	4	3	12	3	--	--	152	--	--	--	--	--	1	--	6	--
Idaho																									
Idaho St. U.	S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Illinois																									
E. Illinois U.[b]	S	101	--	17	10	-	--	--	--	--	--	--	2	40	--	23	2	--	--	--	--	--	--	--	2
*N. Illinois U.	S	--	226	19	56	--	--	--	--	1	11	1	4	--	37	44	19	--	--	--	--	27	9	23	7
*Rosary Col.	S	--	2	126	296	--	3	--	--	--	20	--	--	--	--	254	276	--	10	--	--	--	12	--	--
*U. of Chicago	Q	--	--	78	41	3	5	8	4	2	3	--	--	--	--	44	34	2	4	7	--	--	--	--	--
*U. of Illinois	S	--	202	165	22	2	3	14	6	--	36	--	94	--	67	132	58	1	3	8	3	--	43	--	31
Indiana																									
Ball St. U.	Q	130	--	19	23	--	--	--	--	--	--	--	--	78	--	62	67	--	--	--	--	--	--	--	--
Butler U.	S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Indiana St. U.	S	49	16	26	16	--	--	--	--	--	--	--	--	54	--	124	--	--	--	--	--	--	--	--	--
*Indiana U.	S	--	64	99	96	--	--	19	4	--	5	--	62	--	24	197	107	--	--	28	9	--	10	--	143
IUPU-Ft. Wayne	S	--	--	--	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Purdue U.	S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Purdue U.-Calumet	S	18	--	--	12	--	--	--	--	--	3	--	131	5	7	4	11	--	--	--	--	--	--	39	79
Iowa																									
*U. of Iowa	S	--	32	50	17	--	--	--	--	2	8	--	1	--	10	64	11	--	--	--	--	--	17	--	2
U. of N. Iowa	S	100	6	21	13	--	--	--	--	2	--	--	--	37	7	65	7	--	--	--	--	--	1	--	1
Kansas																									
*Kansas St. Teachers Col.	S	--	--	82	27	--	--	--	--	--	9	--	--	--	--	106	62	--	--	--	--	1	71	--	--
Wichita St. U.	S	--	--	--	25	--	--	--	--	--	--	--	--	--	1	--	72	--	--	--	--	--	--	--	--

[a] Organization of school year indicated as follows: S=semester; Q=quarter; T=trimester; O=other.

[b] On quarter system through summer 1973.

TABLE A (continued)

Fall 1972												Summer 1973												Fall 1973											
Under-graduate		Masters		Post-Masters		Doctoral		Special		Other		Under-graduate		Masters		Post-Masters		Doctoral		Special		Other		Under-graduate		Masters		Post Masters		Doctoral		Special		Other	
FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
--	35	7	40	--	--	--	--	--	3	--	--	--	20	37	7	--	--	--	--	--	1	--	--	--	20	12	22	--	--	--	--	--	3	--	--
--	57	--	--	--	--	--	--	--	--	--	--	--	56	12	--	--	--	--	--	--	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--
75	1	7	4	--	--	--	--	--	--	--	--	48	--	119	7	--	--	--	--	--	--	--	--	68	--	45	22	--	--	--	--	--	--	--	--
--	--	34	38	--	--	--	--	--	3	--	5	--	--	117	22	--	--	--	--	1	1	4	7	--	--	19	45	--	--	--	--	--	2	--	6
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	40	5	29	--	--	--	--	--	--	3	11
--	--	--	10	--	--	--	--	--	--	--	--	--	--	--	9	--	--	--	--	--	--	--	--	--	--	--	14	--	--	--	--	--	--	--	--
--	7	43	21	--	--	--	--	--	--	--	3	--	6	28	27	--	--	--	--	--	--	--	2	--	7	65	36	--	--	--	--	--	--	--	4
27	--	53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	15	--	--	--	--	--	--	--	25	--	--	--
--	--	52	168	--	--	--	--	--	--	--	--	--	--	47	120	--	--	--	--	--	--	--	--	--	--	55	179	--	--	--	--	--	--	--	--
--	8	89	107	--	--	--	--	--	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	96	165	--	--	--	--	--	--	--	--
--	--	162	11	1	1	22	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	135	19	8	--	26	2	--	--	--	--
1	--	133	--	28	--	--	--	--	--	3	--	8	--	85	--	4	--	--	--	18	--	--	--	27	--	--	--	151[c]	--	--	--	1	3	3	--
--	14	144	183	--	10	1	13	--	22	--	--	3	1	286	81	--	--	2	1	6	9	--	1	--	11	168	193	--	5	5	9	2	25	--	--
--	59	106	100	13	3	--	--	10	25	--	--	--	13	86	75	--	6	--	--	28	31	--	--	--	43	127	123	5	2	--	--	3	14	--	--
19	--	14	--	--	--	--	--	--	--	--	--	7	--	48	--	--	--	--	--	--	--	--	--	14	--	24	--	--	--	--	--	--	--	--	--
41	--	47	151	--	--	--	--	--	20	1	35	--	--	95	41	--	--	--	--	3	7	25	16	44	--	74	156	--	--	--	--	--	9	3	23
--	--	47	166	--	9	--	--	--	4	--	--	--	--	252	--	--	--	--	--	--	--	--	--	--	--	51	242	--	14	--	--	--	8	--	--
--	--	199	21	3	2	19	2	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	164	20	6	1	8	4	1	3	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	45	--	40	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100	35	225	--	--	--	--	10	45	--	5
--	2	86	59	1	3	--	--	--	--	--	--	--	16	65	65	1	4	--	--	--	--	--	4	--	1	57	38	--	2	--	--	--	--	--	2
--	3	90	24	--	--	--	--	2	1	--	--	--	--	113	14	1	3	--	--	1	12	--	--	--	1	82	22	--	1	--	--	2	4	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	95	5	59	69	--	--	13	7	--	--	69	74
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6	--	16	32	7	7	--	--	--	d	2	2
--	--	26	114	--	--	--	--	1	1	7	3	--	--	180	--	--	--	--	--	4	--	3	--	--	--	18	92	--	--	--	--	--	3	2	1
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	4	2	4	--	--	--	--	--	--	--	--
79	--	16	11	--	--	--	--	--	--	--	6	47	--	24	2	--	--	--	--	--	--	--	4	79	--	7	12	--	--	--	--	--	--	--	2
--	69	25	40	--	--	--	--	1	22	1	4	--	20	38	9	--	--	--	--	29	10	17	14	--	48	17	33	--	--	--	--	3	25	1	16
--	--	135	297	--	10	--	--	--	9	--	--	--	--	250	242	--	10	--	--	--	9	--	--	--	--	160	205	--	15	--	--	--	10	--	--
--	--	69	44	3	6	5	3	--	1	--	--	--	--	34	20	1	--	6	3	--	--	--	--	--	--	60	28	2	2	9	3	2	1	--	--
--	67	165	21	2	--	10	--	--	23	--	31	--	5	131	81	1	1	9	2	7	3	--	10	--	25	113	24	2	--	5	3	1	11	--	24
145	--	26	12	--	--	--	--	--	--	--	--	56	--	87	41	--	--	--	--	--	--	--	--	117	--	23	29	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	13	14	--	--	--	--	--	--	--	--
98	15	19	38	--	--	--	--	--	--	--	--	47	--	132	--	--	--	--	--	--	--	--	--	68	18	18	20	--	--	--	--	--	--	--	--
--	73	91	106	--	--	12	16	1	7	--	71	--	35	199	97	--	--	8	23	--	3	--	124	--	39	136	83	--	--	11	8	--	6	--	68
--	--	--	22	--	--	--	--	--	--	--	--	--	--	--	20	--	--	--	--	--	--	--	--	--	--	--	65	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	70	3	15	24	--	1	2	--	--	--	15	--
14	15	1	39	--	--	--	--	--	--	--	75	--	6	2	37	--	--	--	--	--	3	--	134	20	12	1	24	--	5	--	--	--	--	--	74
--	43	60	10	--	--	--	--	1	4	1	7	--	6	75	10	--	--	--	--	1	3	--	--	--	31	62	11	--	--	--	--	--	3	1	--
67	2	12	2	--	--	--	--	4	--	--	--	27	1	52	4	1	--	--	--	2	--	1	--	39	3	13	6	--	--	--	--	1	3	--	--
--	--	61	32	--	--	--	--	--	8	--	--	--	--	87	92	--	--	--	--	--	14	--	--	--	--	58	48	--	--	--	--	--	7	--	--
--	--	--	24	--	--	--	--	--	--	--	--	--	--	--	8	--	--	--	--	--	--	--	--	--	3	--	47	--	--	--	--	--	--	--	--

[c] As of 1973/74 all masters degree candidates are under new MLS 2-year degree program (with specialization).

[d] Includes enrollments on main campus only.

TABLE A (continued)

State and Institution	Organization of School Year	Number of Students Enrolled in Library and Information Science Programs																							
		Fall 1971												Summer 1972											
		Undergraduates		Masters		Post-Masters		Doctoral		Special		Other		Undergraduates		Masters		Post-Masters		Doctoral		Special		Other	
		FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Kentucky																									
E. Kentucky U.	S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Union Col.	S	--	34	--	--	--	--	--	--	--	--	--	11	--	5	--	--	--	--	--	--	--	--	--	19
*U. of Kentucky	S	--	--	114	35	--	--	--	--	--	--	--	--	--	--	102	71	--	--	--	--	--	--	--	--
W. Kentucky U.	S	--	82	2	24	--	2	--	--	--	--	--	--	6	28	12	13	--	1	--	--	--	13	--	11
Louisiana																									
*Louisiana St. U.	S	--	--	107	66	--	--	--	--	--	6	--	--	--	--	86	72	--	--	--	--	--	8	--	--
N.W. St. U. of Louisiana	S	14	--	--	--	--	--	--	--	--	--	--	--	2	--	10	--	--	--	--	--	--	1	--	--
Maryland																									
*U. of Maryland	S	--	--	169	94	2	5	7	1	--	--	--	--	--	--	169	43	4	2	1	2	--	--	--	--
W. Maryland Col.	S	--	--	1	25	--	--	--	--	--	--	--	--	--	--	2	35	--	--	--	--	--	--	--	--
Massachusetts																									
Boston U.	S	10	75	--	--	--	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bridgewater St. Col.	S	--	114	3	227	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*Simmons Col.	S	--	--	154	316	--	--	--	--	--	--	--	--	--	--	174	192	--	--	--	--	--	--	--	--
Michigan																									
E. Michigan U.	S	565	--	57	--	--	--	--	--	--	--	--	--	36	--	106	--	--	--	--	--	--	--	--	--
*U. of Michigan	T	--	--	100	158	7	4	12	3	2	1	--	4	--	--	127	99	2	4	1	2	3	2	--	4
*Wayne St. U.	Q	--	98	149	170	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*W. Michigan U.[d]	S	--	162	89	91	2	2	--	--	--	--	--	16	--	34	115	63	1	1	--	--	--	--	-	57
Minnesota																									
*Mankato St. Col.	Q	--	35	22	21	--	--	--	--	--	--	--	--	--	22	387		--	--	--	--	--	--	--	--
*U. of Minnesota	Q	--	28	68	74	1	3	3	4	--	8	--	10	--	27	121	56	4	--	4	2	--	26	--	10
Mississippi																									
U. of Mississippi	S	18	--	35	--	--	--	--	--	--	--	--	--	2	--	46	--	--	--	--	--	--	--	--	--
U. of S. Mississippi	Q	--	89	--	45	--	--	--	--	--	--	--	--	--	95	--	70	--	--	--	--	--	--	--	--
Missouri																									
C. Missouri St. U.	Q	--	19	2	10	--	--	--	--	--	--	--	--	--	26	28	1	--	--	--	--	--	--	--	2
*U. of Missouri	S	--	--	64	32	--	--	--	--	--	--	--	--	--	--	92	34	--	--	--	--	--	--	--	--
Montana																									
E. Montana Col.	Q	Approx. 65-100 Students enrolled in Library Science courses												Approx. 80 students											
Nebraska																									
U. of Nebraska	S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
New Jersey																									
*Rutgers U.	S	--	--	119	183	--	--	18	4	--	--	--	--	--	--	--	218	--	--	2	5	--	--	--	--
New York																									
*Columbia U.	S	--	--	132	141	--	--	20	10	--	63	--	--	--	--	123	28	--	1	8	3	--	26	--	--
*Long Island U.	S	--	--	75	450	--	--	--	--	--	2	--	--	--	1	250	353	--	2	--	--	--	--	--	--
*Pratt Inst.	T	--	--	116	109	--	--	--	--	--	4	--	--	--	--	121	49	--	--	--	--	--	--	--	--
*Queens Col.	T	--	7	50	138	--	--	--	--	--	1	--	11	--	--	100	60	--	--	--	--	--	11	--	11
St. Johns U.	S	--	--	25	137	--	--	--	--	--	--	--	--	--	--	66	201	--	--	--	--	--	--	--	--
*SUNY-Albany	S	63	--	171	196	--	--	--	--	--	19	--	--	--	--	218	--	--	--	--	--	--	15	--	--
*SUNY-Buffalo	S	--	--	71	80	--	--	--	--	4	7	--	--	--	--	144	--	--	--	--	--	--	--	--	--
*SUNY-Geneseo	S	--	--	113	76	--	--	--	--	--	--	--	--	--	--	73	136	--	--	--	--	--	25	--	--
*Syracuse U.	S	--	23	76	179	--	--	7	1	--	6	--	5	--	--	92	110	--	--	2	--	1	--	--	--
North Carolina																									
Appalachian St. U.	Q	32	--	41	--	--	--	--	--	--	--	--	--	45	--	47	--	6	--	--	--	--	--	--	--
E. Carolina U.	Q	86	--	112	--	--	--	--	--	--	--	--	--	59	--	198	--	--	--	--	--	--	--	--	--
N. Carolina C. U.	S	--	--	16	6	--	--	--	--	--	--	--	--	--	--	47	6	--	--	--	--	--	--	--	--
*U. of N. C.-Chapel Hill	S	--	--	126	32	--	--	--	--	--	4	--	2	--	20	127	38	--	--	--	--	15	6	3	--
U. of N. C.-Greensboro	S	--	1	8	43	--	--	--	--	1	9	--	39	--	1	42	40	--	--	--	--	8	6	--	72
Ohio																									
*Case W. Reserve U.	S	--	--	110	84	--	--	19	9	--	13	--	--	--	--	109	50	--	--	13	6	--	20	--	--
*Kent St. U.	Q	101	--	46	48	2	--	--	--	--	1	--	12	109	--	56	69	--	1	--	--	--	61	--	7
U. of Toledo	Q	--	37	--	45	--	--	--	--	--	--	--	--	4	13	4	15	--	--	--	--	--	--	--	--
Oklahoma																									
*U. of Oklahoma	S	165	--	90	42	--	--	3	1	--	--	4	5	75	--	129	33	2	--	2	1	--	--	3	3

TABLE A (continued)

Fall 1972												Summer 1973												Fall 1973											
Undergraduate		Masters		Post-Masters		Doctoral		Special		Other		Undergraduate		Masters		Post-Masters		Doctoral		Special		Other		Undergraduate		Masters		Post-Masters		Doctoral		Special		Other	
FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	F
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	6
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	32	5	10	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	21	--	1	--	--	--	--	--	--	--	--	--	27	--	17	--	--	--	--	--	--	--	--	--	1
--	--	109	47	--	--	--	--	--	--	--	--	--	--	137	51	--	--	--	--	--	--	--	--	--	--	118	53	--	--	--	--	--	--	--	--
1	72	5	17	--	2	--	--	--	--	--	--	--	33	--	6	19	20	2	--	1	10	--	32	8	55	8	37	--	7	--	--	--	--	--	6
--	--	90	42	--	--	--	--	--	7	--	--	--	--	65	60	--	--	--	--	1	4	--	--	--	--	75	32	--	--	--	--	--	2	--	--
97	--	1	13	--	--	--	--	--	--	--	--	54	--	15	--	--	--	--	--	6	--	--	--	77	--	1	6	--	--	--	--	2	--	--	--
--	--	106	80	--	6	9	1	--	--	--	--	--	--	128	171	--	--	--	--	--	--	--	--	--	--	229	124	--	9	8	10	--	--	--	--
--	--	1	35	--	--	--	--	--	--	--	--	--	--	1	21	--	--	--	--	--	--	--	--	--	--	1	41	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	12	70	--	--	--	--	--	30	45	15
--	105	2	405	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	56	3	96	--	--	--	--	--	--	--	--
--	--	163	330	--	--	--	--	--	--	--	--	--	--	190	181	--	--	--	--	2	5	--	--	--	--	195	340	--	--	1	5	1	2	--	--
369	--	61	--	--	--	--	--	--	--	--	--	36	--	83	--	--	--	--	--	--	--	--	--	313	--	41	--	--	--	--	--	--	--	--	--
--	--	133	182	--	6	4	7	--	1	--	6	--	--	111	159	3	3	--	2	--	2	3	16	--	--	148	165	--	8	11	1	--	1	--	11
--	61	97	269	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	29	20	93	150	--	--	--	--	--	--	--	--
--	148	74	97	4	2	--	--	--	--	--	30	--	16	151	65	1	3	--	--	--	--	--	84	--	113	103	119	--	1	--	--	--	--	--	23
--	29	24	40	--	--	--	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--	--	--	--	--	46	16	--	--	--	--	--	--	--	--
--	41	76	51	1	3	1	5	--	14	--	7	--	19	136	32	3	6	--	3	--	11	--	6	--	41	92	60	--	4	6	5	--	20	3	3
10	--	29	--	--	--	--	--	--	--	--	--	--	--	71	--	--	--	--	--	--	--	--	--	30	--	15	19	--	--	--	--	--	--	--	--
--	76	--	16	--	--	--	--	--	--	--	--	13	42	15	66	--	--	--	--	--	--	--	--	--	31	5	14	--	--	--	--	--	--	--	--
--	23	1	10	--	--	--	--	--	--	--	--	2	23	41	3	--	--	--	--	--	--	--	1	--	31	8	9	--	--	--	--	--	--	--	--
--	--	80	30	--	--	--	--	--	--	--	--	--	--	93	31	--	--	--	--	--	--	--	--	--	--	76	32	--	--	--	--	--	--	--	--
Approx. 65-100 students												Approx. 80 students												46	37	3	4	--	--	--	--	--	8	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	40	--	33	--	--	--	6	--	--	--	2
--	--	166	159	--	101	11	22	--	--	--	--	--	--	--	208	--	--	2	1	--	--	--	--	--	--	150	178	--	86	11	16	--	--	--	--
--	--	149	143	--	--	10	25	--	35	--	--	--	--	130	24	2	--	7	--	--	32	--	--	--	--	181	137	--	7	14	15	--	33	--	--
--	--	95	402	1	8	--	--	--	--	--	--	--	2	190	199	1	4	--	--	1	7	--	--	--	--	90	391	1	6	--	--	--	--	--	--
--	--	128	126	--	--	--	--	1	9	--	--	--	--	125	46	--	--	--	--	1	3	--	--	--	--	121	163	--	10	--	--	--	3	--	--
--	14	90	294	--	--	--	--	--	5	--	9	--	--	100	78	--	--	--	--	--	3	--	3	--	13	86	311	--	--	--	--	--	3	--	2
--	--	37	171	--	--	--	--	--	--	--	--	--	--	54	190	--	--	--	--	--	--	--	--	--	--	35	164	--	--	--	--	--	--	--	--
43	--	114	137	--	--	--	--	--	7	--	--	--	--	162	--	--	--	--	--	--	8	--	--	25	--	132	122	--	--	--	--	--	14	--	--
--	--	74	76	--	--	--	--	--	20	--	3	--	--	46	106	--	--	--	--	--	--	--	--	--	--	101	81	--	--	--	--	1	9	--	--
--	--	93	84	--	1	--	--	--	6	--	--	--	--	87	121	--	--	--	--	--	8	--	--	--	--	86	78	--	1	--	--	--	4	--	--
--	18	82	172	--	--	6	--	--	2	--	6	1	2	92	94	--	--	--	--	--	26	--	5	3	18	82	174	--	--	6	1	1	7	--	11
33	--	34	--	--	--	--	--	--	--	--	--	66	--	54	--	--	--	--	--	--	--	--	--	31	--	33	--	--	--	--	--	--	--	--	--
83	--	111	--	--	--	--	--	--	--	--	--	9	--	196	--	--	--	--	--	--	--	--	--	94	--	100	--	--	--	--	--	--	--	--	--
--	--	18	8	--	--	--	--	--	--	--	--	--	--	32	4	--	--	--	--	--	--	--	--	--	64	13	13	--	--	--	--	--	--	--	--
--	--	147	26	--	--	--	--	--	18	--	2	--	--	127	39	--	--	--	--	16	6	--	3	--	8	109	38	--	--	--	--	--	1	--	7
--	--	15	27	--	--	--	--	2	11	--	33	--	--	55	22	--	--	--	--	8	14	--	80	--	--	10	29	--	--	--	--	1	15	15	2
--	--	125	100	--	--	11	15	1	3	--	--	--	--	106	40	--	--	9	2	--	9	--	--	--	--	106	88	--	--	17	19	2	2	--	--
74	--	73	70	2	--	--	--	--	--	--	16	73	--	88	74	--	--	--	--	--	55	--	5	46	--	62	47	2	--	--	--	--	1	--	3
--	8	12	17	--	--	--	--	--	--	--	--	--	3	19	20	--	--	--	--	--	--	--	--	--	6	17	19	--	--	--	--	--	--	5	--
190	--	137	9	--	--	5	1	--	--	--	2	80	--	143	5	--	--	3	1	--	--	--	7	180	--	130	15	--	--	5	2	--	--	--	4

TABLE A (continued)

State and Institution	Organization of School Year	Number of Students Enrolled in Library and Information Science Programs																							
		Fall 1971												Summer 1972											
		Under-graduates		Masters		Post-Masters		Doctoral		Special		Other		Under-graduates		Masters		Post-Masters		Doctoral		Special		Other	
		FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Oregon																									
Portland St. U.	Q	5	--	5	73	--	--	--	--	--	--	--	--	--	--	181	--	--	--	--	--	--	--	--	--
*U. of Oregon	Q	--	79	75	13	--	--	--	--	--	--	--	6	--	67	87	19	--	--	--	--	--	--	--	8
Pennsylvania																									
Clarion St. Col.	S	128	--	--	14	--	--	--	--	--	1	--	--	41	29	34	11	--	--	--	--	7	1	--	2
*Drexel U.	Q	--	--	121	178	--	3	--	--	--	--	--	--	--	--	124	76	--	--	--	--	--	--	--	--
Kutztown St. Col.	S	141	1	--	36	--	--	--	--	--	--	--	--	--	--	72	20	--	--	--	--	--	--	--	--
*U. of Pittsburgh	T	--	--	200	203	3	12	10	34	2	11	--	--	--	--	149	83	3	8	10	6	2	8	--	--
Shippensburg U.	S	125	220	6	58	--	--	--	--	--	2	3	--	18	16	61	--	--	--	--	--	4	--	4	--
Rhode Island																									
*U. of Rhode Island	S	--	--	56	182	--	--	--	--	--	--	--	--	--	--	28	196	--	--	--	--	--	--	--	--
South Carolina																									
U. of South Carolina	S	--	75	--	--	--	--	--	--	--	--	--	--	--	48	--	--	--	--	--	--	--	--	--	--
Winthrop Col.	S	174	--	11	--	--	--	--	--	--	--	--	--	212	--	34	--	--	--	--	--	--	--	--	--
Tennessee																									
E. Tennessee St. U.	Q	26	1	24	4	--	--	--	--	--	--	--	2	20	2	95	4	--	--	--	--	--	--	4	3
*George Peabody Col.	S	2	9	60	26	5	--	--	--	--	2	1	5	1	7	110	34	2	7	--	--	--	6	1	6
*U. of Tennessee	Q	--	149	44	88	--	--	--	--	--	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Texas																									
Our Lady of the Lake Col.	S	47	--	22	70	--	--	--	--	2	11	--	1	--	--	72	67	--	--	--	--	1	21	1	--
Sam Houston St. U.	S	142	--	13	--	--	--	--	--	--	--	25	--	151	--	43	--	--	--	--	--	--	--	48	--
*Texas Woman's U.	S	76	--	175	--	--	--	27	--	--	--	--	--	50	--	249	--	--	--	37	--	--	--	--	--
*U. of Texas	S	2	26	105	64	--	3	3	7	5	13	1	5	--	--	--	--	--	--	--	--	--	--	--	--
Utah																									
*Brigham Young U.	T	2	53	44	25	--	--	--	--	3	1	7	7	2	27	37	34	--	--	--	--	--	--	2	25
U. of Utah	Q	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Utah St. U.	Q	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Virginia																									
Madison Col.	S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Washington																									
C. Washington St. Col.	Q	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Washington	Q	--	--	118	47	--	--	--	--	--	--	--	--	--	--	203	66	--	--	--	--	--	--	--	--
West Virginia																									
Marshall U.	S	43	4	5	25	--	2	--	--	--	--	6	47	--	--	--	--	--	--	--	--	--	--	--	--
Wisconsin																									
*U. of Wisc.-Madison	S	1	74	119	63	7	--	14	--	5	4	--	10	4	15	119	62	8	--	6	2	18	11	6	9
U. of Wisc.-Milwaukee	S	--	73	26	116	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE A (continued)

Fall 1972												Summer 1973												Fall 1973											
Undergraduate		Masters		Post-Masters		Doctoral		Special		Other		Undergraduate		Masters		Post-Masters		Doctoral		Special		Other		Undergraduate		Masters		Post-Masters		Doctoral		Special		Other	
FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
4	—	4	53	—	—	—	—	—	—	—	—	—	—	187	—	—	—	—	—	—	—	—	—	—	8	5	93	—	—	—	—	—	—	—	—
—	105	81	13	—	—	—	—	—	—	—	—	—	55	104	28	—	—	—	—	—	—	—	—	—	111	104	12	—	—	—	—	—	—	—	4
155	—	3	10	—	—	—	—	1	2	—	1	22	—	31	10	—	—	—	—	2	5	—	4	170	—	7	11	—	—	—	—	—	—	—	—
—	—	123	171	—	2	—	—	—	—	—	—	—	—	121	86	—	2	—	—	—	—	—	—	—	—	126	174	—	3	—	—	—	—	—	—
156	3	2	48	—	—	—	—	—	—	—	—	—	—	70	28	—	—	—	—	—	—	—	—	133	3	—	43	—	—	—	—	—	—	—	—
—	—	167	170	3	11	15	31	3	29	—	—	—	—	168	74	2	3	12	7	2	10	—	—	—	—	158	138	2	5	15	27	—	21	—	—
128	205	10	64	—	—	—	—	—	3	1	—	20	12	52	—	—	—	—	—	2	—	2	—	110	185	3	187	—	—	—	—	—	3	—	2
—	—	83	159	—	—	—	—	—	—	—	—	—	—	34	100	—	—	—	—	—	—	—	—	—	—	116	155	—	—	—	—	—	—	—	—
—	88	47	—	—	—	—	—	—	—	—	—	—	54	94	—	—	—	—	—	—	—	—	—	—	75	37	26	—	—	—	—	—	—	—	—
164	—	19	—	—	—	—	—	—	—	—	—	261	—	60	—	—	—	—	—	—	—	—	—	219	—	29	—	—	—	—	—	—	—	—	—
31	—	30	16	—	—	—	—	1	—	—	4	31	2	96	20	—	—	—	—	2	—	—	5	27	—	26	4	—	—	—	—	—	—	—	—
1	16	88	24	1	1	—	—	—	5	—	11	1	2	116	35	3	8	—	—	1	7	—	7	1	9	67	26	1	4	—	—	—	2	—	5
—	82	40	84	—	—	—	—	—	10	—	—	—	30	44	36	—	—	—	—	—	7	—	—	—	47	54	71	—	—	—	—	—	15	—	—
21	—	27	50	—	—	—	—	1	15	—	1	16	—	2	65	—	—	—	—	—	14	—	3	17	—	15	44	—	—	—	—	—	13	—	5
290	—	18	—	—	—	—	—	—	—	16	—	365	—	112	—	—	—	—	—	—	—	18	—	320	—	7	49	—	—	—	—	—	—	8	—
75	—	164	—	—	—	19	—	—	—	—	—	99	—	543	—	—	—	52	—	—	—	—	—	38	—	255	—	—	—	29	—	—	—	—	—
—	36	142	41	—	6	1	6	4	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	23	131	65	—	5	1	4	—	11	—	14
2	38	38	38	—	—	—	—	—	—	—	—	2	2	49	23	—	—	—	—	1	—	2	8	—	26	45	28	—	—	—	—	—	8	—	4
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9	45	—	—	3	9	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	35	—	37	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	135	8	1	4	—	—	—	—	—	—	15	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	—	—	—	—	—	—	—	—	—
—	—	131	60	—	—	—	—	—	—	—	—	—	—	191	78	—	—	—	—	—	—	—	—	—	—	111	49	—	—	—	—	—	—	—	—
42	3	4	27	—	2	—	—	—	—	3	40	—	—	—	—	—	—	—	—	—	—	—	—	40	[illegible]	4	31	—	1	—	—	—	—	—	30
2	49	113	50	4	2	13	2	3	15	—	9	5	16	126	52	4	3	4	1	6	18	1	4	—	38	125	64	1	1	12	1	2	13	—	15
—	49	49	141	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	47	31	130	—	—	—	—	—	—	—	—

TABLE 8

GRADUATE LIBRARY EDUCATION PROGRAMS: CURRICULAR OFFERINGS AND PLACEMENT OF GRADUATES BY STATE AND INSTITUTION

State and Institution	Number of Course Credit Hours 1973/74								Number of Known Placements at End of Year												Monthly Salaries Offered Upon Employment					
						Required for			1970/71				1971/72				1972/73				70/71		71/72		72/73	
	Total Listed	Undergrad Only	Undergrad & Grad	Graduate	Advanced Graduate	Undergrad Major	Undergrad Minor	1st Masters	Public	School	Academic	Special & Other	Public	School	Academic	Special & Other	Public	School	Academic	Special & Other	High	Low	High	Low	High	Low
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Alabama																										
Alabama A & M	76	9	9	67	--	--	20	36	--	30	--	--	--	19	--	--	--	15	--	--	850	542	958	600	1016	566
Alabama St. U.	--	12	20	33	--	--	27	48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Auburn U.	95	--	38	57	57	--	28	48	--	--	--	--	--	--	--	--	23	--	--	--	--	--	--	--	--	--
Jacksonville St. U.	--	--	21	18	--	--	--	--	2	13	--	--	5	18	--	--	10	34	--	--	--	--	--	--	--	--
U. of Alabama	123	--	15	108	--	--	--	36	0	0	0	0	5	17	9	2	9	13	11	6	--	--	--	--	--	--
U. of S. Alabama	28	--	--	28	--	--	--	24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Alaska																										
Alaska Methodist U.	15	0	0	15	0	--	--	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arizona																										
*U. of Arizona	95	--	25	70	--	--	18	41	3	2	4	3	4	2	6	3	3	2	8	4	--	--	--	--	800	625
California																										
Cal. St. U.-Chico	34	--	34	--	--	--	--	--	--	1	--	--	--	12	--	--	--	5	--	--	--	--	--	--	--	--
Cal. St. U.-Fullerton	84	3	--	81	--	--	--	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cal. St. U.-San Jose	68	--	--	--	--	--	--	36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. Cal.-Berkeley	--	6	--	173	8	--	--	42	19	8	21	14	20	6	15	7	30	13	21	14	--	--	--	--	--	--
*U. Cal.-Los Angeles	218	--	8	206	4	--	--	--	19	2	20	9	26	4	30	12	9	2	14	8	925	583	1068	500	1000	600
*U. of S. Cal.	150	6	12	94	38	--	--	35	34	18	14	5	29	14	18	11	26	12	14	14	1416	520	1266	600	1075	600
Colorado																										
U. of Colorado	--	0	15	21	7	--	--	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Denver	145	--	35	145	15	--	--	60	44	1	36	4	13	3	12	6	46	19	56	14	--	--	--	--	--	--
U. of N. Colorado	60	3	40	17	--	--	27	46	--	--	--	--	--	--	--	--	0	18	3	2	--	--	--	--	--	--
Connecticut																										
*S. Conn. St. Col.	90	18	0	72	0	18	--	33	5	18	9	5	6	27	18	7	15	28	5	6	1320	617	1510	500	1386	433
District of Columbia																										
*Catholic U.	--	--	--	132	21	--	--	36	11	13	14	26	12	8	14	27	a	a	a	a	1454	450	2500	600	a	a
Florida																										
*Florida St. U.	--	12	--	--	--	30	27	48	35	27	34	9	24	23	28	7	25	34	31	6	1250	544	1050	600	995	500
Florida Tech. U.	59	31	20	8	--	50	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U. of Miami	--	--	22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U. of S. Florida	75	--	--	45	--	36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Georgia																										
*Atlanta U.	69	0	27	60	36	--	15	36	8	28	28	4	5	23	17	3	16	30	13	7	975	446	920	583	1283	575
*Emory U.	161	3	15	118	25	--	--	60	22	17	23	13	22	10	19	2	21	22	22	11	875	500	1641	583	1122	583
Georgia Inst. of Tech.	180	40	36	80	24	--	24	50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U. of Georgia	--	1	20	--	--	--	21	46	--	59	--	--	--	58	--	--	--	63	--	--	--	--	--	--	--	--
Hawaii																										
*U. of Hawaii	--	--	--	165	--	--	--	36	12	19	12	8	12	28	22	17	a	a	a	a	1057	500	1166	450	a	a
Idaho																										
Idaho St. U.	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Illinois																										
E. Illinois U.	59	12	9	41	--	--	18	32	--	1	6	--	5	8	5	--	1	11	1	--	--	--	--	--	--	--
*N. Illinois U.	98	17	9	72	--	--	18	30	--	2	4	--	2	7	1	--	3	1	1	--	1000	725	1083	833	1250	666
*Rosary Col.	141	--	141	141	--	--	--	36	43	64	28	13	40	42	34	25	45	35	23	18	1250	583	1156	525	1500	508
*U. of Chicago	275	0	--	--	--	--	--	75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Illinois	172	0	30	120	22	--	--	40	29	21	38	4	44	27	73	12	a	a	a	a	1215	567	1154	540	a	a
Indiana																										
Ball State U.	126	32	0	91	0	0	36	45	--	--	--	--	--	--	--	--	1	11	--	5	--	--	--	--	641	600
Butler U.	27	--	--	--	--	--	--	61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Indiana St. U.	89	11	21	57	0	0	24	32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*Indiana U.	114	0	16	93	21	--	10	36	33	11	28	7	46	8	46	12	a	a	a	a	1100	583	1235	500	a	a
IUPU-Ft. Wayne	--	--	--	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Purdue U.	--	4	25	15	18	40	24	39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Purdue U.-Calumet	--	3	26	6	--	24	--	37	--	--	--	--	--	31	1	--	--	20	--	1	--	--	--	--	--	--
Iowa																										
*U. of Iowa	83	0	21	62	--	--	--	33	11	22	16	0	19	14	13	2	20	11	14	5	1423	636	1818	545	1182	712
U. of N. Iowa	47	1	7	7	0	30	22	32	0	60	0	0	2	55	1	0	1	40	1	0	--	--	--	--	--	--

[a] Figures not available at time of survey.

TABLE B (continued)

State and Institution	Number of Course Credit Hours 1973/74								Number of Known Placements at End of Year												Monthly Salaries Offered Upon Employment					
						Required for			1970/71				1971/72				1972/73				70/71		71/72		72/73	
	Total Listed	Undergrad Only	Undergrad & Grad	Graduate	Advanced Graduate	Undergrad Major	Undergrad Minor	1st Masters	Public	School	Academic	Special & Other	Public	School	Academic	Special & Other	Public	School	Academic	Special & Other	High	Low	High	Low	High	Low
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Kansas																										
*Kansas St. Teachers Col.	--	0	0	95	0	0	0	32	21	29	17	9	9	36	21	7	9	131	11	4	1250	390	1104	540	816	591
Wichita St. U.	17	--	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Kentucky																										
E. Kentucky U.	36	--	--	36	--	--	--	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Spalding College	81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Union College	22	1	21	--	--	--	18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U. of Kentucky	117	--	27	87	--	--	21	36	8	13	15	7	18	17	35	20	a	a	a	a	1133	558	1133	583	a	a
W. Kentucky U.	58	4	33	21	0	30	21	33	0	15	2	8	0	30	2	8	3	30	0	8	620	570	700	665	760	630
Louisiana																										
* Louisiana St. U.	118	--	--	118	--	--	--	33	16	23	24	12	14	23	26	22	37	23	19	9	1435	400	1633	559	975	600
N.W. St. U. of Louisiana	--	42	3	15	--	36	27	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Maryland																										
*U. of Maryland	159	--	6	147	12	--	--	36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W. Maryland Col.	--	--	6	24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Massachusetts																										
Boston U.	--	--	--	--	--	--	--	36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bridgewater St. Col.	78	--	78	45	--	--	18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*Simmons Col.	--	--	--	172	28	--	--	36	--	--	--	--	48	34	45	27	a	a	a	a	--	--	1375	541	a	a
Michigan																										
C. Michigan U.	40	15	9	7	--	30	20	30	--	12	--	--	--	11	--	--	2	18	--	--	--	--	--	--	--	--
*U. of Michigan	123	--	--	111	12	--	--	30	71	53	68	14	67	51	45	29	55	46	53	25	1568	594	1289	608	1498	500
*W. Michigan U.	121	12	15	94	15	--	16	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Minnesota																										
Mankato St. Col.	--	6	65	39	39	--	24	51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Minnesota	113	0	25	85	3	0	13	54	16	19	23	10	21	24	23	11	12	22	11	9	1661	583	1705	500	1690	654
Mississippi																										
U. of Mississippi	10[illegible]	23	48	39	--	30	15	36	1	24	3	1	1	27	5	--	2	20	2	1	--	--	--	--	--	--
U. of S. Mississippi	103	34	12	57	--	27	18	36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Missouri																										
C. Missouri St. U.	35	18	14	17	0	0	21	32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Missouri	109	10	36	63	--	--	18	40	--	--	--	--	16	7	23	8	17	8	24	8	--	--	1150	566	930	583
Montana																										
E. Montana College	60	6	54	9	--	--	30	45	3	19	--	--	2	23	1	--	--	25	--	--	--	--	767	433	700	433
Nebraska																										
U. of Nebraska	--	6	18	12	20	--	24	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
New Jersey																										
*Rutgers U.	172	--	--	133	39	--	--	36	57	30	40	18	70	29	25	15	77	38	22	23	1333	575	1217	575	1508	608
New York																										
*Columbia U.	195	0	0	153	39	--	--	36	51	17	52	22	36	14	31	24	38	11	48	23	1441	600	1416	516	1235	779
*Long Island U.	120	--	--	120	--	--	--	36	34	54	6	4	33	50	12	4	--	--	--	--	--	--	1620	500	--	--
*Pratt Inst.	175	1	--	126	48	--	--	36	46	20	7	11	--	--	--	--	24	13	6	16	1041	530	--	--	1200	566
*Queens Col.	93	0	3	28	0	--	--	108	--	--	--	--	18	23	7	7	--	--	--	--	--	--	916	583	--	--
St. John's U.	--	--	--	114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*SUNY-Albany	126	2	7	42	0	--	--	36	13	12	13	7	14	31	28	7	26	33	26	7	1333	400	1250	400	1250	600
*SUNY-Buffalo	120	--	120	--	--	--	--	36	5	20	2	1	8	14	8	5	7	19	5	3	1334	644	894	584	1117	608
*SUNY-Geneseo	110	--	3	101	6	--	--	36	25	41	22	10	17	30	17	9	5	21	12	6	1381	583	1165	583	1166	541
*Syracuse U.	--	6	15	99	15	18	--	30	14	16	21	8	5	30	16	7	15	47	19	11	1600	583	1255	500	1550	583
North Carolina																										
Appalachian St. U.	180	9	14	36	--	36	27	54	--	--	--	--	--	--	--	--	--	--	--	--	775	--	800	--	920	786
E. Carolina U.	95	31	22	42	--	29	--	45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N. Carolina C. U.	111	15	12	84	--	--	21	36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of N.C.-Chapel Hill	--	6	45	81	--	--	--	39	16	10	31	15	31	9	45	8	21	8	23	12	1167	384	1342	533	1004	400
U. of N.C.-Greensboro	--	--	--	57	--	--	--	36	1	25	--	--	--	17	--	1	--	27	1	--	--	--	--	--	--	--
Ohio																										
*Case W. Reserve U.	192	--	--	62	8	--	--	36	31	26	19	14	43	18	19	13	31	13	18	17	875	342	1000	583	1250	500
*Kent St. U.	149	25	9	95	20	--	25	48	15	6	6	4	11	8	11	2	12	8	11	5	1122	458	1500	540	1125	416
U. of Toledo	--	3	6	37	--	--	--	45	--	--	--	--	--	--	--	--	1	--	1	2	--	--	--	--	--	--

TABLE B (continued)

State and Institution	Number of Course Credit Hours 1973/74								Number of Known Placements at End of Year												Monthly Salaries Offered Upon Employment					
						Required for			1970/71				1971/72				1972/73				70/71		71/72		72/73	
	Total Listed	Undergrad Only	Undergrad & Grad	Graduate	Advanced Graduate	Undergrad Major	Undergrad Minor	1st Masters	Public	School	Academic	Special & Other	Public	School	Academic	Special & Other	Public	School	Academic	Special & Other	High	Low	High	Low	High	Low
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Oklahoma																										
*U. of Oklahoma	--	2	--	82	--	--	--	36	8	14	27	7	13	9	38	12	10	16	32	11	933	533	1083	316	1125	200
Oregon																										
Portland St. U.	--	--	27	21	--	--	--	45	--	21	--	--	--	42	--	--	--	32	--	--	--	--	--	--	--	--
*U. of Oregon	110	2	27	108	0	0	--	54	9	20	16	18	14	12	17	4	a	a	a	a	1070	600	1600	600	a	a
Pennsylvania																										
Clarion St. Col.	99	24	12	63	--	30	--	39	--	28	--	--	--	46	--	--	--	64	--	2	980	300	712	295	1000	299
*Drexel U.	--	--	--	192	--	--	--	60	30	52	54	47	29	51	51	30	39	13	33	34	1458	500	1208	508	1083	583
Kutztown St. U.	83	44	0	39	--	24	18	30	--	19	--	1	1	15	--	--	2	16	--	1	810	710	860	730	960	840
Shippensburg St. Col.	--	24	0	30	--	24	18	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Pittsburgh	234	0	0	132	111	0	0	36	32	38	51	21	41	48	45	32	29	29	35	29	1364	500	1228	535	1083	417
Rhode Island																										
*U. of Rhode Island	99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
South Carolina																										
U. of South Carolina	100	5	7	73	--	24	18	30	--	--	--	--	--	--	--	--	7	13	18	11	--	--	--	--	--	--
Winthrop Col.	30	--	27	3	--	24	18	24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tennessee																										
E. Tennessee St. U.	80	4	31	46	--	--	27	60	--	--	--	--	2	32	3	--	1	44	3	--	--	--	--	--	--	--
*George Peabody Col.	129	3	12	103	12	--	18	36	8	26	30	8	19	25	20	5	19	25	40	4	1283	468	1250	450	1160	530
*U. of Tennessee	--	9	18	99	0	0	27	51	--	--	--	--	4	5	7	1	2	9	10	4	--	--	860	583	833	708
Texas																										
Our Lady of the Lake Col.	63	6	6	51	--	--	--	36	5	11	1	6	7	22	3	2	13	20	3	2	--	--	--	--	--	--
Sam Houston St. U.	78	15	24	39	--	30	18	36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*Texas Woman's U.	--	18	0	69	--	18	18	38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Texas-Austin	165	1	6	120	30	--	--	36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Utah																										
*Brigham Young U.	72	1	16	55	0	--	16	38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U. of Utah	90	--	--	75	22	--	--	50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Utah St. U.	110	9	--	110	--	--	24	45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Virginia																										
Madison College	38	26	--	12	--	24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Washington																										
C. Washington St. Col.	101	--	69	32	--	--	24	45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U. of Puget Sound	10	2	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Washington	121	--	52	59	--	--	24	57	34	34	19	8	43	55	23	9	27	30	13	8	1250	550	1316	500	1416	583
West Virginia																										
Marshall U.	--	12	27	39	--	30	18	36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wisconsin																										
*U. of Wisc.-Madison	129	--	9	25	8	--	18	30	32	27	42	8	16	13	22	23	20	23	35	22	1083	500	1041	583	1031	560
U. of Wisc.-Milwaukee	--	--	14	18	--	--	22	30	12	26	7	6	13	18	5	13	20	40	8	15	--	--	--	--	--	--

TABLE C

GRADUATE LIBRARY EDUCATION PROGRAMS: NUMBER OF DEGREES AWARDED 1972/73 AND PROJECTION OF NUMBER OF DEGREES TO BE AWARDED 1973/74 - 1977/78 BY STATE AND INSTITUTION

	Number of Degrees Awarded and Projection of Number of Degrees to be Awarded																											
	4-Year Bachelors Degrees							Masters Degrees							Post-Masters Degrees							Doctoral Degrees						
State and Institution	71/72	72/73	73/74	74/75	75/76	76/77	77/78	71/72	72/73	73/74	74/75	75/76	76/77	77/78	71/72	72/73	73/74	74/75	75/76	76/77	77/78	71/72	72/73	73/74	74/75	75 76	76/77	77/78
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Alabama																												
Alabama A & M	--	--	--	--	--	--	--	25	18	16	20	20	20	20	--	--	--	--	6	12	20	--	--	--	--	--	--	--
Auburn U.	--	--	--	--	--	--	--	20	24	25	28	32	38	40	4	8	10	18	22	22	22	--	--	--	--	--	--	--
Jacksonville St. U.	--	--	--	--	--	--	--	3	18	20	22	24	26	[illegible]	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U. of Alabama	--	--	--	--	--	--	--	37	49	40	40	40	40	40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U. of S. Alabama	--	2	7	9	11	13	15	--	6	15	17	19	21	23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Alaska																												
Alaska Methodist U.	--	--	--	--	--	--	--	3	2	8	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arizona																												
*U. of Arizona	--	--	--	--	--	--	--	19	30	40	50	65	75	85	--	--	--	--	--	--	--	--	--	--	--	--	--	--
California																												
Calif. St. U.-Fullerton	--	--	--	--	--	--	--	34	63	75	80	84	87	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*Calif. St. U.-San Jose	--	--	--	--	--	--	--	--	162	150	150	150	150	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Calif.-Berkeley	--	--	--	--	--	--	--	132	119	--	--	--	--	--	--	--	--	--	--	--	--	4	6	--	--	--	--	--
*UCLA	--	--	--	--	--	--	--	40	41	75	75	80	85	90	6	26	--	--	--	--	--	0	0	0	0	3	5	7
*USC	--	--	--	--	--	--	--	177	211	220	220	225	230	230	0	0	1	1	0	0	0	0	7	2	2	3	3	4
Colorado																												
U. of Colorado	--	--	--	--	--	--	--	27	36	32	36	40	--	--	2	6	5	7	7	--	--	0	4	3	5	5	--	--
*U. of Denver	--	--	--	--	--	--	--	162	144	150	155	155	160	160	7	11	5	7	10	10	10	--	--	--	--	--	--	--
U. of N. Colorado	--	--	--	--	--	--	--	--	35	35	35	35	35	35	--	1	2	2	2	2	2	--	1	--	--	--	--	--
Connecticut																												
*S. Connecticut St. Col.	41	41	44	45	45	45	45	67	72	75	100	125	125	125	0	0	0	0	0	10	20	--	--	--	--	--	--	--
District of Columbia																												
*Catholic U. of America	--	--	--	--	--	--	--	77	149	90	90	90	100	100	--	--	0	2	4	6	15	--	--	--	--	--	--	--
Florida																												
*Florida St. U.	--	--	--	--	--	--	--	194	189	180	180	185	190	200	5	13	6	6	6	8	8	6	8	6	6	6	--	--
U. of Miami	--	--	--	--	--	--	--	--	8	10	15	19	24	29	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U. of S. Florida	--	45	35	30	0	0	0	--	60	40	45	50	60	80	--	5	0	0	0	20	30	--	--	--	--	--	--	--
Georgia																												
*Atlanta U.	--	--	--	--	--	--	--	79	109	80	70	70	70	70	0	3	3	3	5	5	5	--	--	--	--	--	--	--
*Emory U.	--	--	--	--	--	--	--	92	106	90	90	90	90	90	1	0	0	1	2	4	6	--	--	--	--	--	--	--
Georgia Inst. of Tech.	--	--	3	30	50	75	100	--	74	65	60	50	50	50	--	--	--	--	--	--	--	--	5	3	5	5	8	8
U. of Georgia	--	--	--	--	--	--	--	46	50	60	65	65	65	65	12	14	15	30	40	40	40	0	0	0	0	3	3	3
Hawaii																												
*U. of Hawaii	--	--	--	--	--	--	--	131	98	80	75	70	65	60	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Illinois																												
E. Illinois U.	--	--	--	--	--	--	--	18	18	10	25	40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*N. Illinois U.	--	--	--	--	--	--	--	29	27	45	55	60	70	75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*Rosary Col.	--	--	--	--	--	--	--	189	179	190	200	200	200	200	--	--	0	10	15	15	15	--	--	--	--	--	--	--
*U. of Chicago	--	--	--	--	--	--	--	32	44	45	40	40	40	40	2	9	4	4	4	4	4	2	5	3	3	3	3	3
*U. of Illinois	--	--	--	--	--	--	--	182	164	150	150	150	150	150	10	3	2	3	3	3	3	4	6	5	5	5	5	5
Indiana																												
Ball St. U.	36	30	32	40	45	50	55	24	26	30	40	50	55	60	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Butler U.	--	3	--	--	--	--	--	--	27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Indiana St. U.	--	--	--	--	--	--	--	19	16	20	25	30	40	50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*Indiana U.	--	--	--	--	--	--	--	155	167	200	200	200	200	200	--	--	--	--	--	--	--	10	10	10	10	10	10	10
Purdue U.	--	--	23	23	23	23	23	--	--	10	10	10	10	10	--	--	--	--	--	--	--	--	--	1	1	1	1	1
Purdue U.-Calumet	6	7	--	--	--	--	--	29	30	10	12	12	12	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iowa																												
*U. of Iowa	--	--	--	--	--	--	--	55	69	72	75	80	80	80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U. of N. Iowa	48	33	5	5	0	0	0	24	20	20	25	25	25	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Kansas																												
*Kansas St. Tech. Col.	--	--	--	--	--	--	--	84	80	80	90	95	95	95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Kentucky																												
E. Kentucky U.	--	7	7	8	--	--	--	--	16	16	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Spalding Col.	--	--	--	--	--	--	--	--	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Kentucky	--	--	--	--	--	--	--	129	99	100	100	100	100	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W. Kentucky U.	28	24	20	15	15	15	15	14	20	15	20	25	30	30	0	0	2	3	3	3	3	--	--	--	--	--	--	--

TABLE C (continued)

State and Institution	Number of Degrees Awarded and Projection of Number of Degrees to be Awarded																											
	4-Year Bachelors Degrees							Masters Degrees							Post-Masters Degrees							Doctoral Degrees						
	71/72	72/73	73/74	74/75	75/76	76/77	77/78	71/72	72/73	73/74	74/75	75/76	76/77	77/78	71/72	72/73	73/74	74/75	75/76	76/77	77/78	71/72	72/73	73/74	74/75	75/76	76/77	77/78
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Louisiana																												
*Louisiana St. U.	--	--	--	--	--	--	--	108	110	100	100	100	100	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NW St. U. of Louisiana	18	16	15	15	13	--	--	1	4	5	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Maryland																												
*U. of Maryland	--	--	--	--	--	--	--	165	190	240	275	310	325	325	--	--	--	--	--	--	--	0	1	1	2	2	2	3
Massachusetts																												
Boston U.	--	--	--	--	--	--	--	15	15	--	--	--	--	--	2	2	--	--	--	--	--	--	--	--	--	--	--	--
Bridgewater St. Col.	--	--	--	--	--	--	--	3	7	10	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*Simmons Col.	--	--	--	--	--	--	--	243	257	272	290	290	290	290	--	--	--	--	--	--	--	--	--	1	7	10	13	16
Michigan																												
Central Michigan U.	27	40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Michigan	--	--	--	--	--	--	--	265	269	250	250	250	250	250	--	--	--	--	--	--	--	5	4	5	5	5	5	5
*Wayne St. U.	--	--	--	--	--	--	--	142	141	140	150	150	150	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*W. Michigan U.	46	48	--	--	--	--	--	113	113	--	--	--	--	--	4	2	--	--	--	--	--	--	--	--	--	--	--	--
Minnesota																												
Mankato St. Col.	--	--	--	--	--	--	--	48	64	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Minnesota	--	--	--	--	--	--	--	88	77	80	80	90	90	90	0	1	1	2	2	2	2	1	2	2	3	3	3	3
Mississippi																												
U. of Mississippi	12	14	15	15	15	15	15	23	19	30	35	35	35	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U. of S. Mississippi	17	16	17	20	20	25	30	14	8	8	15	20	25	30	--	--	--	--	5	8	10	--	--	--	--	--	--	--
Missouri																												
C. Missouri St. U.	--	--	--	--	--	--	--	15	18	20	22	24	26	28	--	--	--	4	5	6	7	--	--	--	--	--	--	--
*U. of Missouri	--	--	--	--	--	--	--	60	81	80	80	80	80	80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Montana																												
E. Montana Col.	--	--	25	20	22	25	35	--	--	5	3	4	7	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nebraska																												
U. of Nebraska	--	--	--	--	--	--	--	12	9	12	10	10	--	--	--	--	2	2	2	--	--	--	--	2	2	2	--	--
New Jersey																												
*Rutgers U.	--	--	--	--	--	--	--	163	229	210	210	210	210	210	--	--	--	--	--	--	--	3	5	5	5	5	5	5
New York																												
*Columbia U.	--	--	--	--	--	--	--	174	190	185	180	180	180	180	0	0	7	10	10	10	10	9	7	7	7	5	6	6
*Long Island U.	--	--	--	--	--	--	--	236	210	200	200	200	200	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*Pratt Institute	--	--	--	--	--	--	--	152	127	150	150	150	150	150	0	0	0	0	1	2	4	--	--	--	--	--	--	--
*Queens College	--	--	--	--	--	--	--	209	163	175	165	160	160	160	--	--	--	--	--	--	--	--	--	--	--	--	--	--
St. John's U.	--	--	--	--	--	--	--	45	53	95	110	120	140	175	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*SUNY-Albany	--	--	--	--	--	--	--	283	195	200	200	200	200	200	--	--	--	--	--	--	--	0	0	0	0	0	0	3
*SUNY-Buffalo	--	--	--	--	--	--	--	88	78	98	105	115	125	135	--	--	--	--	--	4	4	--	--	--	--	--	--	4
*SUNY-Geneseo	--	--	--	--	--	--	--	118	119	120	120	120	120	120	0	0	1	4	5	8	8	--	--	--	--	--	--	--
*Syracuse U.	--	--	--	--	--	--	--	107	119	128	138	149	160	173	--	--	--	--	--	--	--	0	1	1	3	5	7	10
North Carolina																												
Appalachian St. U.	12	25	25	26	28	30	32	14	23	5	6	8	10	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E. Carolina U.	26	36	25	--	--	--	--	31	48	50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
North Carolina Central U.	--	--	--	--	--	--	--	23	23	21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of North Carolina	--	--	--	--	--	--	--	96	91	88	88	88	88	88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U. of N.C.-Greensboro	--	--	--	--	--	--	--	20	33	30	30	35	35	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ohio																												
*Case Western Reserve U.	--	--	--	--	--	--	--	121	130	130	130	130	130	130	--	--	--	--	--	--	--	5	9	10	10	10	10	10
*Kent St. U.	--	--	--	--	--	--	--	35	44	45	48	51	54	57	2	2	2	3	3	4	5	0	0	0	0	0	0	3
U. of Toledo	--	--	--	--	--	--	--	19	26	15	20	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oklahoma																												
*U. of Oklahoma	--	--	--	--	--	--	--	95	105	95	100	105	110	115	--	--	--	--	--	--	--	0	0	3[b]	4	5	6	7
Oregon																												
[illegible]rtland St. U.	--	--	--	--	--	--	--	6	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Oregon	--	--	--	--	--	--	--	87	73	90	90	90	90	90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pennsylvania																												
Clarion St. Col.	36	63	65	30	26	37	30	13	7	6	12	15	20	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*Drexel U.	--	--	--	--	--	--	--	164	153	157	150	145	140	140	0	0	0	0	5	10	12	0	0	0	0	2	4	8
Kutztown St. Col.	21	38	42	35	30	30	28	4	16	10	12	15	14	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Shippensburg St. Col.	24	25	30	28	24	22	28	12	11	15	13	12	19	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Pittsburgh	--	--	--	--	--	--	--	264	229	225	225	250	275	300	7	14	10	10	15	20	25	6	13	15	15	20	25	25

[a] Feasibility study for new programs now underway.

[b] Interdisciplinary program with Industrial Engineering.

TABLE C (continued)

State and Institution	Number of Degrees Awarded and Projection of Number of Degrees to be Awarded																											
	4-Year Bachelors Degrees							Masters Degrees							Post-Masters Degrees							Doctoral Degrees						
	71/ 72	72/ 73	73/ 74	74/ 75	75/ 76	76/ 77	77/ 78	71/ 72	72/ 73	73/ 74	74/ 75	75/ 76	76/ 77	77/ 78	71/ 72	72/ 73	73/ 74	74/ 75	75/ 76	76/ 77	77/ 78	71/ 72	72/ 73	73/ 74	74/ 75	75/ 76	76/ 77	77/ 78
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Rhode Island																												
*U. of Rhode Island	--	--	--	--	--	--	--	87	141	150	155	160	160	170	--	--	--	--	--	--	--	--	--	--	--	--	--	--
South Carolina																												
U. of South Carolina	--	--	--	--	--	--	--	0	45	52	75	100	100	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tennessee																												
E. Tennessee St. U.	17	18	16	--	--	--	--	12	28	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*George Peabody Col.	--	--	--	--	--	--	--	98	118	100	105	110	110	115	3	3	4	5	7	7	10	--	--	--	--	--	--	--
*U. of Tennessee	--	--	--	--	--	--	--	17	38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Texas																												
Our Lady of the Lake Col.	--	--	--	--	--	--	--	41	47	23	25	25	30	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sam Houston St. U.	42	41	35	35	35	35	35	0	9	10	12	15	15	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*Texas Woman's U.	37	29	--	--	--	--	--	31	44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Texas-Austin	--	--	--	--	--	--	--	112	117	--	--	--	--	--	0	7	--	--	--	--	--	1	4	--	--	--	--	--
Utah																												
*Brigham Young U.	--	--	--	--	--	--	--	48	39	54	50	60	50	50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U. of Utah	--	--	--	--	--	--	--	--	--	3	7	6	9	11	--	--	--	--	--	--	--	--	--	4	5	7	8	2
Utah St. U.	--	--	--	--	--	--	--	--	15	32	18	20	20	30	--	--	--	--	--	--	--	--	--	--	--	3	5	5
Washington																												
C. Washington St. Col.	--	--	--	--	--	--	--	--	10	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
*U. of Washington	--	--	--	--	--	--	--	129	141	138	142	139	137	135	--	--	--	--	--	--	--	--	--	--	--	--	--	--
West Virginia																												
Marshall U.	22	20	15	16	18	20	20	5	4	4	5	7	8	9	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wisconsin																												
*U. of Wisconsin-Madison	--	--	--	--	--	--	--	147	128	140	140	140	140	140	3	3	3	5	5	5	5	4	3	3	3	6	6	6
U. of Wisconsin-Milwaukee	--	--	--	--	--	--	--	60	78	84	93	102	111	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D

GRADUATE LIBRARY EDUCATION PROGRAMS: NUMBER OF FACULTY AND STAFF BY STATE AND INSTITUTION, FALL 1973

State & Institution	Faculty		Staff	
	FT	PT	FT	PT
1	2	3	4	5
Alabama				
Alabama A & M	6	0	2	7
Alabama St. U.	1	6	0	2
Auburn U.	6	0	3	0
Jacksonville St. U.	4	2	2	10
U. of Alabama	9	0	2	7
U. S. Alabama	0	3	0	0
Alaska				
Alaska Meth. U.	0	8	2	2
Arizona				
U. of Arizona	9	2	4	0
California				
Cal. St. U.-Chico	1	4	0	0
Cal. St. U.-Fullerton	6	8	0	2
Cal. St. U.-San Jose	9	9	--	--
U. Cal.-Berkeley	13	15	4	2
UCLA	14	7	7	2
USC	14	1	4	1
Colorado				
U. of Colorado	3	6	1	0
U. of Denver	18	6	5	1
U. of N. Colorado	3	3	1	2
Connecticut				
S. Conn. St. Col.	13	9	1	3
Dist. of Columbia				
Cath. U. of America	8	4	5	6
Florida				
Florida St. U.	14	3	6	0
Florida Tech. U.	--	--	--	--
U. of Miami	--	--	--	--
U. of S. Florida	--	--	--	--
Georgia				
Atlanta U.	11	1	5	0
Emory U.	7	0	2	5
Georgia Inst. of Tech.	20	7	--	--
U. of Georgia	5	5	1	0
Hawaii				
U. of Hawaii	9	7	1	6
Idaho				
Idaho St. U.	0	1	--	--
Illinois				
E. Illinois U.	4	1	0	11
N. Illinois U.	6	4	1	1
Rosary Col.	12	9	6	2
U. of Chicago	9	1	3	0
U. of Illinois	13	3	9	6
Indiana				
Ball St. U.	8	1	2	3
Butler U.	1	4	--	--
Indiana St. U.	6	0	1	6
Indiana U.	15	2	7	19
IUPUI-Fort Wayne	0	4	0	1
Purdue U.	4	8	1	10
Purdue U.-Calumet	1	6	16	11
Iowa				
U. of Iowa	6	8	2	1
U. of N. Iowa	6	0	1	1
Kansas				
Kansas St. Tech. Col.	4	4	5	27
Wichita St. U.	0	2	0	0
Kentucky				
E. Kentucky U.	3	3	--	--
Spalding Col.	2	7	--	--
Union Col.	0	3	0	1
U. of Kentucky	12	4	4	1
W. Kentucky U.	5	7	2	3
Louisiana				
Louisiana St. U.	9	0	5	0
NW St. U. of Louisiana	2	2	--	--
Maryland				
U. of Maryland	18	13	9	0
W. Maryland Col.	--	--	--	--
Massachusetts				
Boston U.	--	--	--	--
Bridgewater St. Col.	4	0	2	5
Simmons Col.	14	6	7	1
Michigan				
C. Michigan U.	6	0	--	--
U. of Michigan	15	8	6	15
Wayne St. U.	6	11	--	--
W. Michigan U.	14	1	3	1
Minnesota				
Mankato St. Col.	8	3	1	5
U. of Minnesota	9	1	1	2
Mississippi				
U. of Mississippi	7	5	2	0
U. of S. Mississippi	4	4	1	5
Missouri				
C. Missouri St. U.	2	3	11	2
U. of Missouri	11	2	6	1
Montana				
E. Montana Col.	1	2	0	1
Nebraska				
U. of Nebraska	1	7	0	0
New Jersey				
Rutgers U.	19	13	5	2
New York				
Columbia U.	17	20	7	2
Long Island U.	11	3	9	4
Pratt Institute	10	0	7	0
Queens Col.	19	3	3	6
St. Johns U.	6	5	8	1
SUNY-Albany	18	4	9	1
SUNY-Buffalo	10	0	2	1
SUNY-Geneseo	12	22	6	10
Syracuse U.	12	1	4	0
North Carolina				
Appalachian St. U.	8	2	1	8
E. Carolina U.	7	0	2	3
N.C. Central U.	8	0	8	1
U. of North Carolina	13	2	5	1
U. of N.C.-Greensboro	5	0	1	4
Ohio				
Case W. Reserve U.	19	18	5	1
Kent St. U.	11	1	3	4
U. of Toledo	5	--	1	--
Oklahoma				
U. of Oklahoma	9	6	2	0
Oregon				
Portland St. U.	2	3	0	1
U. of Oregon	6	3	1	0
Pennsylvania				
Clarion St. C.	8	0	2	2
Drexel U.	13	2	6	3
Kutztown St. C.	5	4	2	0
Shippensburg St. C.	--	--	--	--
U. of Pittsburgh	15	2	20	33
Rhode Island				
U. of Rhode Island	9	0	3	1
South Carolina				
U. of South Carolina	13	1	6	0
Winthrop Col.	3	1	0	2
Tennessee				
E. Tennessee St. U.	3	0	1	8
Geo. Peabody Col.	6	2	3	2
U. of Tennessee	8	3	2	9
Texas				
Our Lady of the Lake C.	6	0	2	1
Sam Houston St. Col.	5	0	1	7
Texas Women's U.	11	0	2	0
U. of Texas-Austin	11	4	5	5
Utah				
Brigham Young U.	8	2	1	3
U. of Utah	1	6	--	--
Utah St. U.	6	3	--	--
Washington				
C. Washington St. Col.	1	5	--	--
U. of Puget Sound	1	0	0	0
U. of Washington	11	0	4	10
West Virginia				
Marshall U.	4	0	3	6
Wisconsin				
U. of Wisc.-Madison	11	8	8	3
U. of Wisc.-Milwaukee	7	5	4	1

TABLE E

GRADUATE LIBRARY EDUCATION PROGRAMS: PARENT INSTITUTION SUPPORT BY CATEGORY OF SUPPORT FOR 1972/73 AND 1973/74

State and Institution	Educational Program Support													
	Faculty Salaries	Faculty Fringe Benefits	Consultants	Clerical Salaries	Clerical Fringe Benefits	Faculty Travel	Student Travel	Supplies	Furniture Equipment	Remodeling	Computer Time	Lib. Services Inc. Salaries	Janitorial Services	Other
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ALA-ACCREDITED, 1972/73														
Arizona														
U. of Arizona	153,000	--	--	9,750	--	1,800	--	4,000	6,345	--	125	--	--	--
California														
UCLA	243,087	--	--	41,208	--	1,349	--	18,161	1,736	--	--	22,000	--	--
USC	271,094	--	--	--	--	1,500	--	3,400	80,000[a]	--	3,000	--	--	1,200,000[a]
Colorado														
U. of Denver	287,796	b	1,673	26,188	--	4,700	--	20,955	7,145	--	720	--	--	--
Connecticut														
S. Conn. St. Col.	201,835	--	--	6,003	--	708	--	700	1,300	--	--	7,900	--	--
District of Columbia														
Catholic U.	115,533	--	--	14,581	--	4,802	--	7,640	0	--	2,195	21,545	--	--
Florida														
Florida St. U.	316,876	--	--	37,630	--	3,522	--	11,698	6,900	--	--	--	--	--
Georgia														
Atlanta U.	100,500	15,075	--	12,300	1,845	1,275	--	4,083	847	--	--	3,542	--	--
Emory U.	123,518	--	--	13,385	--	1,600	--	2,500	--	--	--	41,085	--	979
Hawaii														
U. of Hawaii	213,400	--	--	7,130	--	837	--	5,461	--	--	100	--	--	--
Illinois														
N. Illinois U.	132,56[illegible]	--	--	8,900	--	950	--	2,100	--	--	--	900	--	--
U. of Illinois	246,0[illegible]	12,600	--	39,000	2,000	--	--	6,986	--	--	1,300	--	--	1,500
Indiana														
Indiana U.	278,518	--	100	31,945	--	4,762	--	9,107	3,500	--	--	30,986	--	5,381
Iowa														
U. of Iowa	130,767	14,285	--	8,940	800	1,800	--	6,616	800	--	516	--	--	--
Kansas														
Kansas St. Teachers Col.	183,778	3,795	4,311	5,294	798	2,980	--	12,544	2,724	--	b	--	--	17,352
Kentucky														
U. of Kentucky	[illegible]66,650	b	--	22,547	b	2,200	--	12,300	--	--	200	--	--	--
Louisiana														
Louisiana St. U.	141,781	--	700	--	--	2,902	--	2,712	--	800	--	32,004	--	--
Maryland														
U. of Maryland	346,461	--	1,000	55,802	--	7,465	--	20,897	5,400	--	300	64,498	--	2,121
Michigan														
U. of Michigan	303,618	--	--	34,022	--	800	--	11,490	6,316	--	8,806	--	--	6,806
W. Michigan U.	201,189	--	1,750	10,920	--	920	--	2,576	3,128	--	--	7,096	--	--
Minnesota														
U. of Minnesota	210,387	b	1,260	10,711	b	1,050	--	5,529	604	--	--	--	--	--
Missouri														
U. of Missouri	221,642[c]	--	--	24,700[c]	--	4,873	3,000	8,529	4,377	--	7,298	--	--	--
New Jersey														
Rutgers U.	388,809	--	--	33,415	--	5,026	--	21,629	--	--	--	--	--	--
New York														
Columbia U.	294,329	55,306	--	41,852	5,101	1,372	--	38,152	2,000	--	--	--	--	--
Long Island U.	242,000	--	--	49,000	--	5,500	--	9,000	2,009	1,000	--	--	--	1,000
Pratt Inst.	260,344	--	--	38,587	--	10,465	--	17,520	--	--	--	--	--	--
Queens Col.	349,865	6,800	--	23,750	750	1,905	--	12,000	1,177	--	--	13,726	4,700	--
SUNY-Albany	386,417	b	2,150	23,136	b	5,227	0	12,293	1,900	5,000	594	b	--	--

TABLE E (continued)

Financial Aid to Students							Research	All Other	Total
Scholarships/ Fellowships	Associate Instructors	Graduate Assistants	Research Assistants	Tuitional Fees	Stipends Inc. Dependents	Other			
16	17	18	19	20	21	22	23	24	25
300	--	7,200	--	--	--	--	24,000	0	206,520
--	--	--	0	--	--	--	0	0	328,461
--	--	--	--	7,380	--	--	0	0	1,566,374
49,760	--	8,335	7,200	--	--	6,280	20,716	0	441,468
500	--	3,750	0	--	--	0	--	--	223,905
8,000	--	--	--	0	--	--	6,529	0	177,825
0	--	81,865	0	--	--	0	--	--	428,481
--	--	2,700	--	16,582	--	--	0	0	191,289
72,030	--	24,587	--	--	--	--	0	0	280,612
17,600	--	--	0	--	--	0	--	--	244,345
0	--	7,900	0	--	--	0	--	--	152,850
9,000	4,900	--	--	15,000	--	--	17,947	0	358,352
8,100	1,000	12,000	0	23,156	--	--	13,545	0	422,089
11,000	--	4,885	--	--	--	0	--	--	180,558
5,475	--	2,175	--	0	--	--	0	3,000	241,671
800	--	5,400	4,000	--	--	--	0	0	213,897
--	--	36,000	--	--	--	--	3,300	0	221,089
20,000	--	25,200	6,000	5,000	--	--	9,450	9,000	578,354
97,420	--	--	--	22,950		--	0	0	491,906
--	10,500	3,750	1,800	--	--	--	0	0	243,629
--	--	--	--	--	--	--	--	--	229,621
18,765	--	5,000	--	--	--	--	35,280	0	333,408
29,686	--	--	--	--	--	4,530	22,954	0	506,059
90,200	0	11,640	--	--	--	--	0	0	529,952
--	--	12,000	12,000	42,000	15,000	--	2,000	0	392,500
14,270	--	7,772	--	--	--	--	0	0	340,958
--	--	--	--	9,077	14,948	--	0	0	414,181
--	--	46,100	--	20,640	--	--	0	0	502,517

State and Institution	Educational Program Support													
	Faculty Salaries	Faculty Fringe Benefits	Consultants	Clerical Salaries	Clerical Fringe Benefits	Faculty Travel	Student Travel	Supplies	Furniture Equipment	Remodeling	Computer Time	Lib. Services Inc. Salaries	Janitorial Services	Other
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SUNY-Buffalo	182,000	32,760	--	17,201	3,096	1,422	--	7,400	--	--	2,730	5,390	--	--
SUNY-Geneseo	211,650	63,000	1,600	31,003	9,300	1,100	--	12,070	3,000	4,000	500	48,178	--	--
Syracuse U.	220,747	--	--	34,798	--	2,476	--	7,800	3,141	--	8,000	1,967	400	15,597
North Carolina														
U. of North Carolina	252,054	--	--	20,801	--	1,687	--	9,079	5,500	--	26,500	9,614	--	5,404
Ohio														
Case W. Reserve U.	240,837	22,016	1,174	29,069	4,215	6,075	--	12,357	3,020	--	0	25,000	--	--
Kent St. U.	194,378	31,069[d]	225	12,184	--	595	--	7,858	2,003	--	4,592	--	--	--
Oregon														
U. of Oregon	102,727	--	--	6,072	--	--	--	4,755	2,914	--	--	105,883	--	18,442
Pennsylvania														
U. of Pittsburgh	310,019	63,112[d]	--	102,479	--	--	--	39,707[e]	5,600	--	--	--	--	--
Rhode Island														
U. of Rhode Island	159,978[f]	--	--	11,748	--	1,680	--	3,215	--	3,094	--	--	--	--
Tennessee														
George Peabody Col.	104,339	15,455	--	10,398	1,248	--	--	2,928	--	--	65	9,780	--	2,802
Texas														
U. of Texas	262,992	--	--	25,054	--	1,800	--	5,480	3,998	--	500[b]	b	--	3,000
Washington														
U. of Washington	216,910	--	--	27,981	--	4,640	--	6,286	--	--	1,552	--	--	3,064
Wisconsin														
U. of Wisc.-Madison	273,395	--	--	33,280	--	1,941	--	13,210	1,432	--	300	76,237	--	--
ALA-ACCREDITED, 1973/74														
Arizona														
U. of Arizona	165,000	--	--	11,032	--	2,000	--	7,000	3,821	--	125	--	--	--
California														
UCLA	255,68[illegible]	--	--	47,994	--	1,900	--	14,923	1,365	--	--	26,651	--	--
USC	285,000	--	--	--	--	1,500	--	3,400	0	--	3,000	--	--	--
Colorado														
U. of Denver	298,606	b	1,030	34,616	--	3,700	--	16,548	3,100	--	1,980	--	--	--
Connecticut														
S. Conn. St. Col.	204,194	--	--	7,398	--	1,000	--	1,000	2,000	--	--	9,800	--	--
District of Columbia														
Catholic U.	94,058	--	--	13,769	--	6,000	--	8,515	1,200	--	3,000	22,400	--	--
Florida														
Florida St. U.	333,969	--	--	25,768	--	0	--	13,000	6,000	--	--	--	--	--
Georgia														
Atlanta U.	138,571	20,786	--	12,700	1,905	1,900	--	5,900	3,750	--	--	36,800	--	--
Emory U.	188,600	--	--	14,000	--	1,450	--	1,600	--	--	--	43,900	--	1,000
Hawaii														
U. of Hawaii	203,460	--	--	8,332	--	4,627	--	6,210	--	--	69	--	--	--
Illinois														
N. Illinois U.	142,300	--	--	9,500	--	500	--	2,100	--	--	--	600	--	--
U. of Illinois	263,000	13,500	--	39,000	2,000	--	--	8,700	--	--	1,300	--	--	1,900
Indiana														
Indiana U.	268,747	--	900	33,416	--	5,000	--	12,648	600	--	--	26,564	--	3,778
Iowa														
U. of Iowa	136,460	15,736	--	9,948	900	1,900	--	6,659	1,200	--	2,400	--	--	--

TABLE E (continued)

Financial Aid to Students							Research	All Other	Total
Scholarships/ Fellowships	Associate Instructors	Graduate Assistants	Research Assistants	Tuitional Fees	Stipends Inc. Dependents	Other			
16	17	18	19	20	21	22	23	24	25
0	--	14,500	--	4,800	--	--	0	--	271,299
0	--	20,000	--	20,600	--	--	1,500	0	427,501
13,298	--	8,600	--	--	6,100	--	400	0	323,324
700	450	--	--	--	--	--	0	0	331,789
28,730	11,695	--	--	--	--	--	0	0	382,188
--	--	37,181	--	--	--	--	0	0	290,085
--	--	--	--	--	--	--	--	--	134,910
--	--	55,000	--	25,000	--	--	0	0	706,800
--	--	8,175	--	3,150	--	--	0	0	191,035
--	--	5,400	--	4,500	--	--	0	0	156,912
6,340	--	--	--	--	--	--	0	0	309,166
--	--	7,807	2,631	--	--	--	0	0	289,061
--	15,538	12,586	--	--	--	--	0	0	427,496
800	--	7,200	--	--	--	--	25,000	0	221,478
--	--	--	8,300	--	--	--	0	0	356,823
--	--	--	--	13,600	--	--	0	0	306,500
49,700	--	3,335	7,200	--	--	8,548	21,316	0	449,739
750	--	3,750	0	--	--	0	--	--	229,609
6,000	--	--	--	2,300	--	--	0	0	157,242
6,788	--	19,984	0	--	--	0	--	--	405,509
--	--	2,700	--	13,000	--	--	0	0	237,612
75,000	--	25,000	--	--	--	--	0	0	350,552
0	--	--	33,860	--	--	0	--	--	256,548
6,000	--	9,000	0	--	--	0	--	--	170,000
9,600	8,000	--	--	15,000	--	--	10,841	0	380,441
3,000	8,500	1,712	--	23,510	--	--	16,440	0	416,815
10,000	--	5,000	0	--	--	0	--	--	190,194

TABLE E (continued)

State and Institution	Educational Program Support													
	Faculty Salaries	Faculty Fringe Benefits	Consultants	Clerical Salaries	Clerical Fringe Benefits	Faculty Travel	Student Travel	Supplies	Furniture Equipment	Remodeling	Computer Time	Lib. Services Inc. Salaries	Janitorial Services	Other
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Kansas														
Kansas St. Teachers Col.	105,000	4,000	3,000	5,400	900	3,125	--	12,600	2,727	--	b	--	--	21,541
Kentucky														
U. of Kentucky	195,825	b	--	23,404	b	2,200	--	12,300	--	--	700	--	--	--
Louisiana														
Louisiana St. U.	108,202	--	0	--	--	2,350	--	3,636	--	0	--	27,065	--	--
Maryland														
U. of Maryland	390,859	--	1,000	55,638	--	7,393	--	22,000	6,000	--	300	65,000	--	3,000
Michigan														
U. of Michigan	366,950	--	--	50,239	--	500	--	11,200	5,000	--	11,500	--	--	6,685
W. Michigan U.	220,971	--	1,000	11,980	--	1,000	--	2,950	1,902	--	--	11,500	--	--
Minnesota														
U. of Minnesot	212,300	b	0	7,200	b	800	--	10,000	0	--	--	--	--	--
Missouri														
U. of Missouri	230,000[c]	--	--	23,500[c]	--	4,000	0	10,000	5,000	--	10,000	--	--	--
New Jersey														
Rutgers U.	419,245	--	--	33,000	--	8,000	--	31,312	--	--	--	--	--	--
New York														
Columbia U.	284,675	56,605	--	38,055	4,947	800	--	27,100	0	--	--	--	--	--
Long Island U.	254,000	--	--	51,000	--	3,000	--	10,000	2,000	1,000	--	--	--	1,000
Pratt Inst.	277,331	--	--	39,000	--	6,100	--	21,000	--	--	--	--	--	--
Queens Col.	358,465	6,800	--	25,625	750	1,244	--	1,000	875	--	--	11,270	4,957	
SUNY-Albany	371,242	b	2,600	25,222	b	6,526	100	10,768	1,500	0	594	b	--	--
SUNY-Buffalo	209,000	37,630	--	18,000	3,240	1,700	--	8,800	--	--	2,500	5,390	--	--
SUNY-Geneseo	295,000	90,000	1,600	35,000	10,500	1,100	--	14,800	10,000	15,000	550	49,000	--	--
Syracuse U.	230,766	--	--	44,595	--	2,500	--	7,000	3,137	--	9,000	1,900	400	14,850
North Carolina														
U. of North Carolina	274,480	--	--	20,694	--	1,586	--	11,104	4,000	--	13,050	13,422	--	6,279
Ohio														
Case W. Reserve U.	331,036	32,687	0	33,867	5,080	3,500	--	15,000	2,630	--	3,009	24,725	--	--
Kent St. U.	213,011	35,061[d]	0	15,843	--	600	--	8,000	2,000	--	4,500	--	--	--
Oregon														
U. of Oregon	106,437	--	--	6,408	--	--	--	3,462	0	--	--	71,048	--	21,810
Pennsylvania														
U. of Pittsburgh	319,919	63,807[d]	--	102,728	--	--	--	32,798[e]	600	--	--	--	--	--
Rhode Island														
U. of Rhode Island	178,551[f]	--	--	12,128	--	1,925	--	3,312	--	0	--	--	--	--
Tennessee														
George Peabody Col.	109,182	15,496	--	10,395	1,248	--	--	4,015	--	--	100	9,975	--	5,323
Texas														
U. of Texas	333,234	--	--	52,852	--	4,500	--	7,800	5,320	--	1,000[b]	b	--	3,000
Washington														
U. of Washington	310,000	--	--	35,000	--	4,500	--	5,700	--	--	2,000	--	--	0
Wisconsin														
U. of Wisc.-Madison	208,853	--	--	31,527	--	2,000	--	14,463	500	--	600	78,151	--	--
NONACCREDITED, 1972/73														
Alabama														
Alabama A & M	89,908	13,486	2,845	9,000	1,350	3,000	--	6,000	47,000	--	4,500	8,000	4,500	6,000
Alabama State U.	30,000	--	--	--	--	--	--	--	--	--	--	--	--	2,400
Auburn U.	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Jacksonville St. U.	53,940	5,351	--	12,000	540	300	--	9,735	9,735	--	b	8,059	--	--
U. of Alabama	134,379	--	3,500	11,492	--	2,500	--	11,000	67,307	245,000	--	7,000	--	--

TABLE E (continued)

Financial Aid to Students							Research	All Other	Total
Scholarships/ Fellowships	Associate Instructors	Graduate Assistants	Research Assistants	Tuitional Fees	Stipends Inc. Dependents	Other			
16	17	18	19	20	21	22	23	24	25
7,350	--	2,175	--	7,998	--	--	0	3,000	261,354
400	--	5,600	6,560	--	--	--	0	0	247,069
--	--	42,000	--	--	--	--	22,429	0	205,682
35,200	--	28,100	6,000	5,000	--	--	11,350	10,000	646,840
115,896	0	--	--	35,000	--	--	0	0	602,970
--	--	2,500	1,800	--	--	--	0	0	255,603
--	--	--	--	--	--	--	--	--	230,000
3,750	--	0	--	--	--	--	24,000	0	310,250
29,686	--	--	--	--	--	4,500	20,884	0	546,627
98,000	3,180	12,720	--	--	--	--	0	0	526,082
--	--	11,000	11,000	42,000	15,000	--	2,000	0	403,000
18,000	--	15,000	--	--	--	--	0	0	373,431
--	--	--	--	6,213	14,494	--	0	0	431,693
--	--	65,600	--	23,040	--	--	0	0	507,192
6,000	--	14,500	--	13,800	--	--	0	--	320,560
3,000	--	20,000	--	20,600	--	--	2,500	0	568,650
14,315	--	9,700	--	--	0	--	0	0	338,158
700	1,950	--	--	--	--	--	0	0	347,265
39,000	8,638	--	--	--	--	--	0	6	499,163
--	--	37,450	--	--	--	--	0	0	316,465
--	--	--	--	--	--	--	--	--	138,117
--	--	50,000	--	25,000	--	--	0	0	665,900
--	--	14,375	--	3,150	--	--	0	0	213,441
--	--	5,400	--	4,500	--	--	0	0	165,634
3,900	--	--	--	--	--	--	0	0	411,606
--	--	8,000	3.970	--	--	--	0	0	399,886
--	9,316	13,640	--	--	--	--	0	0	439,050
12,000	--	0	3,000	--	--	0	--	--	210,389
--	--	--	--	--	--	--	0	0	32,400
--	--	--	--	--	--	0	0	0	--
--	--	--	--	--	--	0	0	0	99,660
--	--	0	--	--	--	--	0	0	482,178

TABLE E (continued)

State and Institution	Educational Program Support													
	Faculty Salaries	Faculty Fringe Benefits	Consultants	Clerical Salaries	Clerical Fringe Benefits	Faculty Travel	Student Travel	Supplies	Furniture Equipment	Remodeling	Computer Time	Lib. Services Inc. Salaries	Janitorial Services	Other
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
California														
Cal. St. U.-Fullerton	136,762	2,379	--	18,950	--	8,068	--	6,527	--	--	--	--	--	--
Colorado														
U. of N. Colorado	60,500	5,300	--	5,600	480	225	--	2,500	--	--	--	--	--	--
Georgia														
U. of Georgia	89,000	--	--	5,500	--	1,700	--	1,900	b	b	b	b	--	--
Illinois														
E. Illinois U.	78,200	--	1,010	1,477	--	300	--	460	550	--	b	--	--	--
Indiana														
Ball State U.	136,160	b	--	5,376	b	b	--	11,978	12,978	--	--	b	--	--
Indiana State U.	97,219	--	750	4,174	--	600	134	4,504	146	--	--	2,800	--	--
IUPUI-Ft. Wayne	5,800	500	--	1,200	--	400	--	250	--	--	--	--	--	--
Purdue U.	71,700	11,472	--	5,616	904	1,665	--	1,700	b	--	b	b	--	--
Iowa														
U. of N. Iowa	49,450	7,912	--	5,623	996	409	200	1,242	500	--	120	--	--	883
Kansas														
Wichita St. U.	3,300	--	--	--	--	--	--	25	--	--	--	--	--	--
Kentucky														
W. Kentucky U.	79,957	10,395	--	4,000	--	675	--	1,070	--	--	b	b	--	2,064
Minnesota														
Mankato St. U.	86,000	--	1,000	6,000	--	400	--	6,145	1,000	--	b	--	--	--
Mississippi														
U. of Mississippi	40,237	b	--	1,740	b	840	--	913	190	--	--	25,438	--	--
U. of S. Mississippi	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Missouri														
C. Missouri St. U.	39,000	b	--	0	--	0	--	180	50	--	--	--	--	--
Montana														
E. Montana Col.	11,490	2,000	--	--	--	0	--	90	--	--	--	--	--	--
New York														
St. Johns U.	104,937	22,157[d]	--	15,087	--	1,900	--	7,087	--	--	0	b	--	--
North Carolina														
E. Carolina U.	66,600	--	--	8,000	--	250	--	1,400	500	--	--	13,000	--	--
N. C. Central U.	86,800	12,846	200	5,712	1,001	890	--	1,900	3,000	500	--	36,305	--	235
U. of N.C.-Greensboro	71,720	10,634	100	4,482	865	b	--	2,092	9,700	--	b	b	--	--
Ohio														
U. of Toledo	82,145	12,308	300	6,346	738	1,640	--	2,258	342	--	--	--	--	--
Pennsylvania														
Clarion St. Col.	110,520	12,957	750	7,098	1,277	1,022	--	4,846	1,930	2,900	--	22,280	8,000	2,011
Kutztown St. Col.	80,000	--	--	--	--	--	--	--	--	--	--	--	--	--
Shippensburg St. Col.	107,000	b	--	9,500	b	500	--	9,000	6,000	--	--	--	--	800
South Carolina														
U. of S. Carolina	197,504	--	510	27,179	--	7,000	--	6,000	12,950	--	--	--	--	2,050
Winthrop Col.	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tennessee														
E. Tenn. St. U.	34,000	5,000	--	4,700	700	700	--	14,000	1,500	--	b	b	--	1,000
Texas														
Our Lady of the Lake Col.	65,772	[illegible]	--	4,273	502	1,393	--	840	926	--	--	--	--	75
Sam Houston St. U.	53,585	--	--	4,672	--	726	--	--	--	--	--	--	--	--
Wisconsin														
U. of Wisc.-Milwaukee	125,161	17,022	--	25,921	5,184	2,563	218	9,869	8,200	200	--	--	--	--

TABLE E (continued)

Financial Aid to Students							Research	All Other	Total
Scholarships/ Fellowships	Associate Instructors	Graduate Assistants	Research Assistants	Tuitional Fees	Stipends Inc. Dependents	Other			
16	17	18	19	20	21	22	23	24	25
--	--	0	--	--	--	--	0	[illegible]	172,671
--	--	7,200	--	287	--	--	0	[illegible]	82,072
--	--	--	--	--	--	--	b	--	97,700
--	--	9,450	--	--	--	11,000	0	0	102,447
--	--	13,900	--	--	--	3,884	0	0	183,886
1,000	--	5,400	--	--	--	2,468	0	800	119,795
--	--	--	--	--	--	--	--	--	8,150
--	--	21,600	--	b	--	700	0	0	115,357
--	--	3,600	--	--	--	--	0	0	70,993
--	--	--	--	--	--	--	--	--	3,325
0	--	4,000	--	--	--	--	0	0	102,161
--	--	4,200	--	--	--	b	0	0	103,745
--	--	0	--	--	--	--	0	0	78,318
--	--	--	--	--	--	--	0	0	--
--	--	4,100	--	--	--	1,200	0	0	40,500
--	--	--	--	--	--	--	--	--	1,390
--	--	13,200	--	4,680	--	--	0	0	168,648
8,000	--	--	--	--	--	--	0	0	97,750
--	--	500	--	--	--	--	0	0	149,849
--	--	1,650	--	--	--	--	0	0	101,233
--	--	9,000	--	2,336	--	--	0	0	118,014
--	--	2,987	--	4,104	--	21,896	C	0	204,087
--	--	0	--	--	--	--	--	--	80,000
--	--	2,400	--	--	--	--	0	0	135,200
--	--	14,000	--	--	--	--	0	0	267,593
--	--	--	--	--	--	--	--	--	--
--	--	2,500	--	--	--	--	0	0	64,100
--	--	4,320	--	--	--	--	0	0	83,007
--	--	--	--	--	--	--	0	0	58,983
4,573	--	9,001	--	--	--	--	0	0	208,512

TABLE E (continued)

State and Institution	Educational Program Support													
	Faculty Salaries	Faculty Fringe Benefits	Consultants	Clerical Salaries	Clerical Fringe Benefits	Faculty Travel	Student Travel	Supplies	Furniture Equipment	Remodeling	Computer Time	Lib. Services Inc. Salaries	Janitorial Services	Other
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NONACCREDITED, 1973/74														
Alabama														
Alabama A & M	79,460	11,919	3,000	9,400	1,410	3,000	--	6,500	49,000	--	4,500	8,000	4,500	6,000
Alabama State U.	40,000	--	--	--	--	--	--	--	--	--	--	--	--	8,300
Auburn U.	100,000	17,000	--	7,000	--	2,000	--	5,000	--	--	--	--	--	--
Jacksonville St. U.	67,456	6,698	--	12,600	554	300	--	10,000	10,000	--	b	9,605	--	--
U. of Alabama	153,653	--	3,000	17,655	--	2,700	--	12,200	3,100	0	--	7,900	--	--
California														
Cal. St. U.--Fullerton	148,602	3,085	--	17,578	--	5,914	--	13,083	--	--	--	--	--	--
Colorado														
U. of N. Colorado	64,000	5,600	--	5,400	545	230	--	3,000	--	--	--	--	--	--
Georgia														
U. of Georgia	91,000	--	--	5,600	--	1,700	--	1,500	b	b	b	b	--	--
Illinois														
E. Illinois U.	78,463	--	1,200	1,980	--	500	--	810	800	--	b	--	--	--
Indiana														
Ball State U.	154,079	b	--	5,800	b	b	--	9,559	10,000	--	--	b	--	--
Indiana State U.	113,446	--	300	4,354	--	303	200	3,800	0	--	--	2,800	--	--
IUPUI--Ft. Wayne	6,550	500	--	1,200	--	400	--	250	--	--	--	--	--	--
Purdue U.	101,013	16,612	--	5,408	871	775	--	1,700	b	--	b	b	--	--
Iowa														
U. of N. Iowa	52,500	8,500	--	5,892	1,080	350	300	1,460	500	--	250	--	--	800
Kansas														
Wichita State U.	3,700	--	--	--	--	--	--	25	--	--	--	--	--	--
Kentucky														
W. Kentucky U.	87,000	11,310	--	3,500	--	625	--	1,200	--	--	b	b	--	2,064
Minnesota														
Mankato St. U.	88,400	--	1,000	6,240	--	400	--	6,760	1,000	--	b	--	--	--
Mississippi														
U. of Mississippi	79,650	b	--	4,580	b	2,720	--	2,115	1,513	--	--	27,250	--	--
U. of S. Mississippi	64,500	--	--	4,000	--	--	--	2,500[c]	--	--	--	--	--	--
Missouri														
C. Missouri St. U.	37,740	b	--	640	--	120	--	250	50	--	--	--	--	--
Montana														
E. Montana Col.	11,850	2,000	--	--	--	60	--	90	--	--	--	--	--	--
New York														
St. Johns U.	115,018	26,165[d]	--	16,013	--	2,000	--	9,425	--	--	2,000	b	--	--
North Carolina														
E. Carolina U.	69,900	--	--	9,000	--	350	--	4,700	5,600	--	--	14,000	--	--
N.C. Central U.	104,915	15,527	0	6,276	1,085	2,350	--	2,400	2,000	0	--	54,723	--	300
U. of N.C.--Greensboro	75,450	10,694	400	5,166	957	b	--	2,129	10,000	--	b	b	--	--
Ohio														
U. of Toledo	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pennsylvania														
Clarion St. Col.	116,444	17,107	1,550	7,980	1,436	500	--	6,378	2,721	0	--	25,208	8,000	1,550
Kutztown St. Col.	84,000	--	--	--	--	--	--	--	--	--	--	--	--	--
Shippensburg St. Col.	98,000	b	--	11,000	b	350	--	8,000	3,000	--	--	--	--	500
South Carolina														
U. of S. Carolina	222,104	--	1,000	33,884	--	5,500	--	4,850	6,700	--	--	--	--	7,000
Winthrop Col.	53,000	--	--	--	--	200	--	200	--	--	--	--	--	0
Tennessee														
E. Tennessee St. Col.	42,000	5,800	--	5,700	1,000	300	--	13,000	1,000	--	b	b	--	1,000

TABLE E (continued)

Financial Aid to Students							Research	All Other	Total
Scholarships/ Fellowships	Associate Instructors	Graduate Assistants	Research Assistants	Tuition/ Fees	Stipends Inc. Dependents	Other			
16	17	18	19	20	21	22	23	24	25
19,000	--	500	3,000	--	--	0	--	--	209,184
--	--	--	--	--	--	--	0	0	40,300
--	--	0	--	--	--	0	0	0	131,000
--	--	--	--	--	--	0	0	0	117,213
--	--	7,200	--	--	--	--	0	0	207,400
--	--	639	--	--	--	--	0	0	108,901
--	--	7,290	--	534	--.	--	0	--	86,500
--	--	--	--	--	--	--	b	0	90,000
--	--	11,340	--	--	--	900	0	0	95,801
--	--	13,500	--	--	--	5,100	0	0	190,000
1,000	--	5,400	--	--	--	2,900	0	300	134,403
--	--	--	--	--	--	--	--	--	8,900
--	--	18,500	--	b	--	900	0	0	143,779
--	--	3,400	--	--	--	--	0	0	75,327
--	--	--	--	--	--	--	--	--	3,725
100	--	10,000	--	--	--	--	0	0	116,799
--	--	0	--	--	--	b	0	0	104,100
--	--	4,000	--	--	--	--	0	0	121,828
2,000	--	--	--	--	--	400	0	0	73,700
--	--	2,300	--	--	--	0	0	0	41,100
--	--	--	--	--	--	--	--	--	23,900
--	--	15,400	--	10,000	--	--	0	0	196,101
8,000	--	--	--	--	--	--	0	0	111,550
--	--	0	--	--	--	--	0	0	109,576
--	--	3,300	--	--	--	--	0	0	108,096
--	--	--	--	--	--	--	0	0	--
--	--	3,415	--	5,832	--	17,707	0	0	215,000
--	--	2,100	--	--	--	--	--	--	86,100
--	--	2,400	--	--	--	--	0	0	123,250
--	--	16,600	--	--	--	--	0	0	297,638
0	0	0	0	--	--	--	--	--	53,400
--	--	2,100	--	--	--	--	c	0	71,900

TABLE E (continued)

State and Institution	Educational Program Support													
	Faculty Salaries	Faculty Fringe Benefits	Consultants	Clerical Salaries	Clerical Fringe Benefits	Faculty Travel	Student Travel	Supplies	Furniture Equipment	Remodeling	Computer Time	Lib. Services Inc. Salaries	Janitorial Services	Other
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Texas														
Our Lady of the Lake Col.	87,993	6,241	--	7,500	536	1,000	--	1,044	467	--	--	--	--	78
Sam Houston St. U.	68,269	--	--	4,754	--	1,027	--	1,073	--	--	--	--	--	--
Wisconsin														
U. of Wisc.--Milwaukee	138,490	21,064	--	20,446	6,611	2,500	150	8,700	4,015	200	--	--	--	--

[a] Includes support for new building and furnishings.

[b] Complete information not available.

[c] Includes fringe benefits.

[d] Includes both faculty and clerical fringe benefits.

[e] Includes faculty travel.

[f] Includes summer session salaries.

TABLE E (continued)

Financial Aid to Students							Research	All Other	Total
Scholarships/ Fellowships	Associate Instructors	Graduate Assistants	Research Assistants	Tuitional Fees	Stipends Inc. Dependents	Other			
16	17	18	19	20	21	22	23	24	25
--	--	4,320	--	--	--	--	0	0	109,176
--	--	0	--	--	--	--	0	0	72,123
7,000	--	15,147	--	--	--	--	0	0	232,323

TABLE F

GRADUATE ALA-ACCREDITED LIBRARY EDUCATION PROGRAMS: FINANCIAL SUPPORT BY SOURCE OF INCOME FOR 1972/73 AND 1973/74

State and Institution	Parent Institution				Grants		Other		Total	
	Library School		Non-Library School							
	72/73	73/74	72/73	73/74	72/73	73/74	72/73	73/74	72/73	73/74
1	2	3	4	5	6	7	8	9	10	11
Arizona										
U. of Arizona	206,520	221,478	22,306	23,500	0	109,500	0	0	228,826	354,478
California										
UCLA	328,461	356,823	5,305	29,305	1,500	2,800	8,194	950	343,460	389,878
USC	1,566,374	306,500	0	0	164,892	41,934	31,647	30,000	1,762,913[a]	378,434
Colorado										
U. of Denver	441,468	449,739	b	b	0	0	0	0	441,468	449,739
Connecticut										
S. Conn. St. Col.	223,905	229,609	0	0	0	0	0	0	223,905	229,609
District of Columbia										
Catholic U.	177,825	157,242	42,175	76,183	0	60,884	857	1,002	220,857	295,311
Florida										
Florida St. U.	428,481	405,509	0	0	81,160	88,900	0	0	509,641	494,409
Georgia										
Atlanta U.	191,289	237,612	135,288[c]	135,288[c]	101,167	40,751	0	58,000	427,744	471,651
Emory U.	280,612	350,550	0	0	0	4,800	0	0	280,612	355,350
Hawaii										
U. of Hawaii	244,345	256,548	5,388	6,319	--	41,005	0	0	249,733	303,872
Illinois										
N. Illinois U.	152,850	170,000	0	0	0	0	0	0	152,850	170,000
U. of Illinois	358,352	380,441	158,000[d]	158,000[d]	108,016	87,982	34,205	29,215	658,573	655,638
Indiana										
Indiana U.	422,089	416,815	0	0	44,499	202,681	1,500	1,000	468,088	620,496
Iowa										
U. of Iowa	180,558	190,194	19,300	20,800	0	0	0	0	199,858	210,994
Kansas										
Kansas St. Teachers Col.	241,671	261,354	0	0	2,535	--	0	0	244,206	261,354
Kentucky										
U. of Kentucky	213,897	247,069	0	0	0	0	0	0	213,897	247,069
Louisiana										
Louisiana St. U.	221,089	205,682	0	0	0	33,200	1,500	1,500	222,589	240,382
Maryland										
U. of Maryland	578,554	646,840	0	0	0	0	0	0	578,554	646,840
Michigan										
U. of Michigan	491,906	602,970	120,779[e]	128,450[e]	76,948	73,380	22,215	17,400	711,848	822,200
W. Michigan U.	243,629	255,603	5,500	5,500	30,353	23,800	0	0	279,482	284,903
Minnesota										
U. of Minnesota	229,621	230,000	58,179	45,000	49,466	0	6,331	4,000	343,597	279,000
Missouri										
U. of Missouri	333,408	310,250	0	0	0	0	0	0	333,408	310,250
New Jersey										
Rutgers U.	506,059	546,627	0	0	105,567	96,214	0	0	611,626	642,841
New York										
Columbia U.	529,952	526,082	90,267[e]	103,800[e]	34,171	258,844	76,361	84,548	730,751	973,274
Long Island U.	392,500	403,000	--	--	13,000	13,000	0	0	405,500	416,000
Pratt Inst.	348,958[f]	373,431	1,000,000[e]	--	0	0	0	7,800	1,348,958	381,231
Queens Col.	414,181	431,693	0	0	0	0	0	0	414,181	431,693
SUNY-Albany	502,517	507,192	0	0	91,102	24,200	0	0	593,619	531,392
SUNY-Buffalo	271,299	320,560	2,600	3,400	1,800	16,785	0	0	275,699	340,745
SUNY-Geneseo	427,501	568,650	15,000	15,000[g]	1,500	1,500	0	0	444,001	585,150
Syracuse U.	323,324	338,159	3,588	0	796	0	27,409	21,895	355,117	360,053
North Carolina										
U. of North Carolina	331,789	347,265	44,100	49,060	0	0	21,473	7,421	397,362	403,746

TABLE F (continued)

State and Institution	Parent Institution				Grants		Other		Total	
	Library School		Non-Library School							
	72/73	73/74	72/73	73/74	72/73	73/74	72/73	73/74	72/73	73/74
1	2	3	4	5	6	7	8	9	10	11
Ohio										
Case W. Reserve U.	382,188	499,163	5,708	4,480	336,341	278,896	26,265	24,618	752,502	807,157
Kent St. U.	290,085	316,465	0	0	0	19,587	0	0	290,085	336,052
Oregon										
U. of Oregon	134,910	138,117	0	0	14,000	15,600	0	0	148,510	153,717
Pennsylvania										
U. of Pittsburgh	706,800	665,900	49,180[h]	3,950	32,458	56,320	4,540	4,570	792,978	730,740
Rhode Island										
U. of Rhode Island	191,035	213,441	0	0	0	0	0	0	191,035	213,441
Tennessee										
George Peabody Col.	156,912	165,634	702	1,000	0	2,012	0	0	157,614	168,646
Texas										
U. of Texas	309,166	411,606	29,998[e]	30,000[e]	47,414	70,600	0	0	386,578	512,206
Washington										
U. of Washington	269,861	399,886	0	0	22,974	33,533	0	0	292,835	433,419
Wisconsin										
U. of Wisc. Madison	427,498	439,050	0	9,690	64,757	51,860	4,763	2,400	497,018	503,000

[a] Includes expenditures for new building or remodeling and furnishings.

[b] Information not available.

[c] Includes janitorial service, student service, university library service, and general administration.

[d] Graduate assistantships.

[e] Includes library services.

[f] Includes summers of 1973 and 1974.

[g] Janitorial service.

[h] Continuing.

TABLE 6

GRADUATE NONACCREDITED LIBRARY EDUCATION PROGRAMS: FINANCIAL SUPPORT BY SOURCE OF INCOME FOR 1972/73 AND 1973/74

State and Institution	Parent Institution				Grants		Other		Total	
	Library School		Non-Library School							
	72/73	73/74	72/73	73/74	72/73	73/74	72/73	73/74	72/73	73/74
1	2	3	4	5	6	7	8	9	10	11
Alabama										
Alabama A & M	210,389	209,189	0	0	82,750	0	0	0	293,139	209,189
Alabama St. U.	32,400	48,300	0	0	0	0	0	0	32,400	48,300
Auburn U.	--	131,000	--	0	0	0	--	0	--	131,000
Jacksonville St. U.	99,660	117,213	0	0	0	0	0	0	99,660	117,213
U. of Alabama	482,178	207,408	0	0	0	0	1,400	0	483,578[a]	207,408
California										
Cal. St. U.-Fullerton	172,671	188,901	0	0	94,340	95,734	0	0	267,011	284,635
Colorado										
U. of N. Colorado	82,072	86,509	0	0	0	0	0	0	82,072	86,509
Georgia										
U. of Georgia	97,700	99,800	0	0	0	0	0	0	97,700	99,800
Illinois										
E. Illinois U.	102,447	95,801	0	0	600	985	0	0	103,047	96,786
Indiana										
Ball St. U.	183,886	198,088	0	0	0	0	0	0	183,886	198,088
Indiana St. U.	119,795	134,403	0	0	0	1,500	0	0	119,795	135,903
IUPUI-Ft. Wayne	8,150	8,900	0	0	0	0	0	0	8,150	8,900
Purdue U.	115,357	143,779	0	0	11,037	3,312	0	0	126,394	147,091
Iowa										
U. of N. Iowa	70,993	75,322	0	0	0	0	0	0	70,993	75,322
Kansas										
Wichita St. U.	3,325	3,725	0	0	0	0	0	0	3,325	3,725
Kentucky										
N. Kentucky U.	102,161	115,799	23,000	23,000	0	0	0	0	125,161	138,799
Minnesota										
Mankato St. Col.	103,745	103,800	0	0	50,000	0	0	0	153,745	103,800
Mississippi										
U. of Mississippi	78,318	121,828	0	0	0	5,000	0	0	78,318	126,828
U. of S. Mississippi	--	73,700	--	0	0	0	0	0	--	73,700
Missouri										
C. Missouri St. U.	40,500	41,100	0	0	0	0	0	0	40,500	41,100
Montana										
E. Montana Col.	13,500	13,960	0	0	2,500	1,485	0	0	16,000	15,445
New York										
St. Johns U.	168,648	196,101	0	0	0	0	96,000[a]	56,100[b]	264,648	252,201
North Carolina										
E. Carolina U.	97,750	111,550	0	0	0	0	0	0	97,750	111,550
North Carolina C. U.	149,849	189,576	0	0	138,554	156,873	0	0	288,403	346,449
U. of N.C.-Greensboro	101,233	108,096	6,300	5,500	6,300	34,050	0	0	113,833	147,646
Ohio										
U. of Toledo	118,014	--	0	0	0	0	0	0	118,014	--
Pennsylvania										
Clarion St. Col.	204,087	215,888	0	0	0	0	0	0	204,087	215,888
Kutztown St. Col.	80,000	86,100	7,000	7,200	0	0	0	0	87,000	93,300
Shippensburg St. Col.	135,200	123,250	0	0	0	0	0	0	135,200	123,250
South Carolina										
U. of S. Carolina	267,593	297,638	0	0	0	0	0	0	267,593	297,638
Winthrop Col.	--	53,400	--	5,500	--	--	--	--	--	58,900
Tennessee										
E. Tennessee St. U.	64,100	71,903	0	0	51,700	0	0	0	115,800	71,900

TABLE G (continued)

State and Institution	Parent Institution				Grants		Other		Total	
	Library School		Non-Library School							
	72/73	73/74	72/73	73/74	72/73	73/74	72/73	73/74	72/73	73/74
1	2	3	4	5	6	7	8	9	10	11
Texas										
Our Lady of the Lake Col.	83,007	109,176	10,625[b]	14,394[b]	0	0	0	0	93,632	123,570
Sam Houston St. U.	50,983	72,123	29,132[b]	40,668[b]	0	0	0	0	80,115	112,791
Wisconsin										
U. of Wisc.-Milwaukee	208,512	232,323	0	0	103,025	24,214	0	0	311,537	256,537

[a] Includes remodeling.

[b] Includes library services.

TABLE H

SELECTED DATA ON UNDERGRADUATE PROGRAMS BY STATE AND INSTITUTION, 1971-1973

State and Institution	Organization of School Year[a]	Number of Students Enrolled in Library Science Programs										Number of Course Credit Hours					Number of Degrees/Certificates						Number of Known Placements of Graduates			Number of Faculty in Library Science Program	
		Fall 1971		Summer 1972		Fall 1972		Summer 1973		Fall 1973		Total Listed	LS Major or Minor	Library Technician	Required for LS Major	Required for LS Minor	Awarded 1972/73			Expected 1973/74			1970/71	1971/72	1972/73	FT	PT
		FT	PT	FT	PT	FT	PT	FT	PT	FT	PT						2-year Associate	4-year Bachelors	Technician Certificates	2-year Associate	4-year Bachelors	Technician Certificates					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Alabama																											
Livingston U.	Q	--	--	--	--	38	--	--	--	24	--	--	35	--	--	30	--	--	--	--	--	--	4	4	4	1	1
Arizona																											
N. Arizona U.	S	15	1	--	31	30	--	--	30	23	--	20	25	--	--	20	--	--	--	--	--	--	7	3	3	1	3
Arkansas																											
Arkansas Polytechnic Col.	S	0	5	13	0	0	5	17	0	0	7	21	21	0	--	--	--	--	--	--	--	--	--	--	--	1	0
Arkansas St. U.	S	18	7	27	27	21	5	29	30	15	10	21	18	0	--	18	--	--	--	--	--	--	--	--	--	0	4
Henderson St. Col.	S	0	28	21	0	0	22	26	0	0	17	21	--	--	--	15	--	--	--	--	--	--	--	--	--	0	6
S. St. Col.	S	61	--	--	--	110	--	--	--	9	--	18	18	--	--	18	--	--	--	--	10	--	--	--	--	0	1
St. Col. of Arkansas	S	34	3	56	--	29	3	39	--	13	2	24	24	--	--	18	--	9	--	--	8	--	8	7	11	0	3
U. of Arkansas	S	34	--	44	--	24	--	27	--	26	--	18	18	--	--	18	--	--	--	--	--	--	--	9	4	0	2
California																											
Cal. St. U.-Fresno[b]	S	--	34	--	51	--	38	--	58	--	44	30	--	--	30	--	--	6	--	--	--	--	--	4	3	--	--
Cal. St. U.-Sacramento[b]	S	46	23	--	--	53	25	--	--	50	20	33	33	--	27	15	--	--	--	--	--	--	--	--	--	1	4
Lone Mountain Col.	S	--	13	--	6	--	9	--	--	--	7	23	23	--	--	16	--	--	--	--	--	--	--	--	1	0	1
Pacific Union Col.	Q	--	75	--	33	--	47	--	12	--	55	51	49	--	--	30	--	3	--	--	3	--	--	--	--	0	5
U. of San Diego	S	11	--	6	--	11	--	8	--	7	--	30	--	--	--	18	--	--	--	--	--	--	--	--	2	0	1
Colorado																											
Adams St. Col.	O	110	--	79	--	94	--	51	--	68	--	27	27	--	--	27	--	--	--	--	--	--	--	--	--	0	6
S. Colorado St. Col.[b]	Q	--	30	--	--	--	25	--	--	--	47	--	15	27	--	--	3	--	--	--	--	--	--	3	3	0	6
District of Columbia																											
Gallaudet Col.[c]	S	7	--	--	--	6	--	--	--	7	--	27	24	--	24	--	--	2	--	--	4	--	--	--	--	0	6
Florida																											
Florida Atlantic U.	T	--	--	--	--	--	--	--	--	--	--	36	36	--	--	15	--	--	--	--	--	--	--	--	--	1	1
U. of Florida[c]	Q	--	--	--	--	--	--	--	--	--	--	53	--	--	35	--	--	--	--	--	--	--	--	--	--	2	5
Georgia																											
Armstrong St. Col.	Q	--	--	--	--	--	--	--	--	--	--	20	15	--	--	--	--	--	--	--	--	--	--	--	--	1	0
Augusta Col.	O	-courses only offered in winter and spring-										20	20	--	--	--	--	--	--	--	--	--	--	--	--	0	2
Georgia Col.	Q	21	--	36	34	28	20	60	56	26	25	45	30	--	--	20	--	28	--	--	34	--	8	15	23	0	5
Shorter Col.	S	--	10	--	--	--	10	--	--	--	10	12	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1
Valdosta St. Col.	Q	--	--	--	--	--	--	--	--	--	--	22	--	22	--	--	--	--	--	--	--	--	--	--	--	0	1
W. Georgia Col.	Q	--	--	--	--	--	--	--	--	--	31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	2
Guam																											
U. of Guam	S	--	92	--	64	--	73	--	71	--	151	75	69	75	--	18	1	--	--	--	--	--	5	7	10	2	4
Idaho																											
Boise St. U.	S	--	37	--	13	--	29	--	13	--	26	22	21	--	--	21	--	--	--	--	--	--	20	30	30	1	3
U. of Idaho	S	--	--	--	--	--	--	--	--	--	9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1
Illinois																											
Col. of St. Francis	S	--	17	--	7	--	24	--	14	--	17	23	20	--	--	20	--	--	--	--	--	--	--	6	3	0	2
Felician Col.	S	--	6	--	15	--	--	--	19	--	3	18	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1
Illinois St. U.	S	--	512	--	98	--	656	--	79	--	434	52	16	--	34	19	--	7	--	--	--	--	--	--	--	5	1
Loyola U.	S	--	8	--	--	2	9	3	7	4	3	18	--	--	--	--	--	--	--	--	--	--	--	--	--	0	2
Mallinckrodt Col.	S	--	4	--	--	--	--	--	--	--	1	18	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1
NE Illinois U.[b]	T	--	275	--	275	--	275	--	275	--	275	18	18	0	--	18	--	--	--	--	--	--	4	3	5	2	3
Quincy Col.	S	51	--	--	--	55	--	--	--	38	--	20	18	--	--	18	--	--	--	--	--	--	2	1	2	0	2
Western Illinois U.	Q	29	--	37	--	34	--	39	--	40	--	34	34	--	--	32	--	--	--	--	--	--	--	--	--	2	2
Indiana																											
Goshen Col.	T	--	--	--	--	--	--	--	--	--	--	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1
Iowa																											
Dordt Col.	S	--	--	--	--	--	--	--	--	--	20	--	18	--	--	--	--	--	--	--	--	--	--	--	--	0	1
Graceland Col.	S	--	6	--	--	--	9	--	7	--	7	12	21	--	--	18	--	--	--	--	--	--	--	--	--	0	2
Marycrest Col.	S	14	11	--	--	16	8	13	--	15	5	30	30	--	--	20	--	--	--	--	--	--	--	--	--	1	1
Northwestern U.	S	10	--	--	--	--	--	--	--	10	--	30	21	--	30	18	--	--	--	--	--	--	--	--	--	0	2
Upper Iowa Col.	S	14	--	--	--	17	--	--	--	23	--	18	18	--	27	--	--	12	--	--	6	--	--	--	--	0	2

[a] Organization of school year indicated as follows: S=semester; Q=quarter; T=trimester; O=other.

[b] Masters degree program soon to be started.

[c] Undergraduate library science program is being phased out and/or integrated into media program.

TABLE H (continued)

State and Institution	Organization of School Year[a]	Number of Students Enrolled in Library Science Programs										Number of Course, Credit Hours					Number of Degrees/ Certificates						Number of Known Placements of Graduates			Number of Faculty in Library Science Program	
		Fall 1971		Summer 1972		Fall 1972		Summer 1973		Fall 1973							Awarded 1972/73			Expected 1973/74							
		FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	Total Listed	LS Major or Minor	Library Technician	Required for LS Major	Required for LS Minor	2-year Associate	4-year Bachelors	Technician Certificates	2-year Associate	4-year Bachelors	Technician Certificates	1970/71	1971/72	1972/73	FT	PT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Kansas																											
Ft. Hays Kansas St. Col.	S	82	7	28	21	84	19	10	40	82	9	34	--	--	--	--	--	--	--	--	--	--	--	--	--	1	1
Kansas St. Col.-Pittsburg	S	--	73	--	62	--	45	--	21	--	23	29	18	--	--	18	--	--	--	--	--	--	--	--	--	1	2
Ottawa U.	Q	--	--	--	2	--	--	--	1	0	0	16	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
St. Mary of the Plains Col.	S	15	--	6	--	8	--	24	--	5	--	28	28	--	--	--	--	--	--	--	--	--	--	--	--	0	1
Seward City Com. Jr. Col.	S	1	--	--	--	1	--	--	--	1	--	2	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1
Kentucky																											
Campbellsville Col.	S	5	6	--	--	10	--	--	--	11	--	21	--	16	--	--	--	--	--	2	--	1	--	--	--	0	3
Morehead St. U.	S	25	5	45	--	15	3	40	--	28	20	36	21	0	--	21	--	--	--	--	--	--	--	--	--	2	2
Murray St. U.	S	--	--	--	--	58	--	110	--	60	--	46	46	--	34	21	--	25	--	--	30	--	--	--	20	2	1
Louisiana																											
Grambling Col.	S	29	--	16	--	16	--	23	--	19	--	21	21	--	--	18	--	--	--	--	--	--	--	--	--	1	2
Loyola U.	S	--	--	--	8	2	6	7	--	1	8	18	--	--	--	--	--	--	--	--	--	--	--	--	--	0	3
McNeese St. U.	S	7	53	5	31	3	51	5	49	3	52	18	18	--	--	18	--	--	--	--	--	--	--	--	--	2	0
Nicholls St. U.	S	--	--	--	--	--	--	--	--	--	18	18	18	--	--	18	--	--	--	--	--	--	--	--	--	0	2
Northeast Louisiana U.	S	65	--	--	--	35	--	--	--	32	--	18	18	--	--	15	--	--	--	--	--	--	--	--	--	1	1
Southeastern Louisiana U	S	18	--	19	--	19	--	8	--	14	--	21	18	--	--	18	--	--	--	--	--	--	--	--	--	1	0
U. of Southwestern La.	S	43	13	30	7	39	7	33	2	40	5	21	18	--	--	18	--	--	--	--	--	--	--	--	--	2	1
Maryland																											
Columbia Union Col.	T	--	12	--	6	--	11	--	7	--	4	18	18	0	0	18	--	--	--	--	--	--	--	--	--	0	2
Massachusetts																											
Atlantic Union Col.	S	0	0	--	--	5	--	--	--	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Northeastern U.[c]	Q	--	--	--	--	--	--	--	--	--	120	34	--	--	--	--	--	--	--	--	--	--	--	--	--	0	5
Worcester St. Col.	S	--	--	--	--	--	--	--	--	30	45	49	--	--	--	--	--	12	--	--	8	--	--	--	--	3	0
Michigan																											
Andrews U.	Q	--	--	--	--	--	--	--	--	--	8	--	56	--	56	40	--	--	--	--	--	--	--	--	--	0	5
Eastern Mich. U.	S	--	--	--	--	--	--	--	--	--	88	34	--	--	30	20	--	45	--	--	35	--	--	--	--	4	3
Northern Mich. U.	S	--	12	24	--	6	11	21	--	10	9	28	28	--	--	20	--	--	--	--	--	--	--	--	--	0	2
Minnesota																											
Bemidji St. Col.	Q	24	--	27	--	24	--	15	--	21	--	32	27	18	24	20	2	3	--	1	--	--	6	5	4	0	4
Col. of St. Catherine	S	40	1	--	--	46	1	--	--	42	1	52	48	--	28	18	--	14	--	--	13	--	9	12	12	2	1
Col. of St. Scholascica	Q	18	2	23	--	19	--	21	--	13	5	24	24	--	--	24	--	--	--	--	--	--	--	--	--	0	3
Concordia Col.	T	--	34	0	0	30	--	0	0	25	--	18	18	--	--	18	--	--	--	--	--	--	--	--	--	0	4
Moorhead St. Col.[d]	Q	26	6	11	3	17	1	21	6	16	--	31	25	--	--	24	--	--	--	--	--	--	--	--	--	1	3
Winona St. Col.	Q	--	42	--	37	--	42	--	19	--	27	24	24	--	--	24	--	--	--	--	--	--	--	--	--	1	2
Mississippi																											
Blue Mountain Col.	S	18	1	16	8	24	4	5	2	22	2	30	30	0	--	21	--	--	--	--	--	--	--	--	--	0	2
Jackson St. Col	Q	9	--	30	--	21	--	42	--	1	10	36	24	--	--	24	--	--	--	--	--	--	--	--	--	2	0
Mississippi Col.	S	75	--	40	--	65	--	36	--	37	--	27	21	--	--	18	--	--	--	--	--	--	--	--	--	1	1
Miss. St. Col. for Women	S	40	--	--	--	41	--	--	--	64	1	38	37	--	30	18	--	21	--	--	--	--	12	7	14	2	1
Missouri																											
Culver-Stockton Col.	S	--	3	--	--	--	3	--	--	--	5	12	12	--	--	18	--	--	--	--	--	--	--	--	--	0	3
Lindenwood Colleges	S	-	14	8	--	31	--	50	--	18	--	21	--	--	--	--	--	--	--	--	--	--	--	--	--	0	4
N.E. Missouri St. U.	S	--	25	--	63	--	29	--	65	--	41	21	20	--	--	15	--	--	--	--	--	--	--	--	--	0	4
S.E. Missouri St. U.	S	49	9	50	--	52	1	49	36	50	--	25	25	0	--	18	--	--	--	--	--	--	--	--	--	1	1
School of the Ozarks	S	--	--	--	--	--	--	--	--	--	--	18	18	--	--	15	--	--	--	--	--	--	--	--	--	0	3
S.W. Missouri St. U.	S	--	--	--	--	--	--	--	--	--	--	23	20	0	--	20	--	--	--	--	--	--	--	--	--	2	3
Washington U.	S	--	71	--	16	--	72	--	14	--	69	36	36	36	18	--	--	4	9	--	5	8	--	--	--	0	5
William Woods Col.	O	13	0	--	--	25	0	--	--	56	0	19	18	--	--	18	--	--	--	--	--	--	--	--	--	0	3
Montana																											
Montana St. U.	Q	11	--	12	--	13	22	21	--	9	--	51	44	11	--	44	--	--	--	--	--	12	--	--	--	1	4
U. of Montana	Q	83	--	65	--	71	--	49	--	58	--	62	36	--	42	30	--	12	--	--	15	--	14	11	12	2	1
Nebraska																											
Kearney St. Col.	S	16	4	23	--	11	2	14	--	34	25	27	21	--	--	24	--	--	--	--	--	--	--	--	--	0	3
Nebraska Wesleyan U.	S	--	20	--	--	--	21	--	--	--	21	18	18	--	--	18	--	--	--	--	--	--	--	--	--	--	--
Union Col.	S	20	--	1	--	33	--	5	--	17	--	31	31	--	--	24	--	1	--	--	3	--	1	1	1	0	3
U. of Nebraska-Omaha	S	36	46	44	--	41	74	51	--	56	88	30	24	--	24	24	--	22	--	--	--	--	--	--	--	2	4

[d] Has introduced new media programs.

State and Institution	Organization of School Year	Number of Students Enrolled in Library Science Programs										Number of Course Credit Hours					Number of Degrees/Certificates						Number of Known Placements of Graduates			Number of Faculty in Library Science Program	
		Fall 1971		Summer 1972		Fall 1972		Summer 1973		Fall 1973							Awarded 1972/73			Expected 1973/74							
		FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	Total Listed	LS Major or Minor	Library Technician	Required for LS Major	Required for LS Minor	2-year Associate	4-year Bachelors	Technician Certificates	2-year Associate	4-year Bachelors	Technician Certificates	1970/71	1971/72	1972/73	FT	PT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
New Hampshire																											
Franconia Col.	S	--	--	--	--	4	--	--	--	5	--	26	20	--	--	--	--	1	--	--	--	--	--	--	1	0	3
New Jersey																											
Caldwell College	S	30	10	20	4	37	9	30	4	30	16	30	18	--	--	18	--	--	--	--	--	--	--	--	--	1	8
Col. of St. Elizabeth	S	--	36	--	35	--	24	--	28	--	15	--	18	--	--	--	--	--	--	--	--	--	--	--	--	0	3
Trenton St. Col.	S	162	--	9	--	156	--	6	--	142	--	36	36	--	27	18	--	17	--	--	17	--	6	7	13	3	6
William Paterson Col.	S	--	--	--	--	--	--	--	--	25	25	--	18	--	18	18	--	--	--	--	--	--	--	--	--	0	2
New Mexico																											
Col. of the Southwest[d]	S	--	--	--	--	--	--	--	8	2	--	25	19	--	--	24	--	--	--	--	--	--	--	--	--	1	0
Eastern New Mexico U.	S	--	77	--	79	--	114	--	71	--	75	26	24	0	--	15	--	--	--	--	--	--	--	--	--	1	2
N.M. Highlands U.	Q	--	--	--	--	--	--	--	--	--	14	--	59	--	59	36	--	3	--	--	--	--	--	--	--	0	3
New Mexico St. U.	S	--	20	12	--	--	44	17	--	--	27	27	18	--	--	--	--	--	--	--	--	--	--	--	--	1	1
U. of New Mexico	S	30	--	30	--	30	--	30	--	30	--	32	32	--	--	21	--	--	--	--	--	--	--	--	--	2	4
North Carolina																											
A & T St. U.[c]	S	6	--	3	--	21	--	6	1	33	3	12	12	--	--	19	--	--	--	--	--	--	--	--	--	1	5
Elizabeth City St. U.	S	11	--	--	--	--	--	--	--	--	--	30	24	--	--	20	--	--	--	--	--	--	--	--	--	1	3
Western Carolina U.[c]	Q	69	41	93	--	73	57	69	40	85	22	72	42	--	42	27	--	14	--	--	15	--	5	6	8	3	1
North Dakota																											
Dickinson St. Col.	Q	--	--	--	--	--	--	--	--	42	--	42	42	--	--	36	--	18	--	--	12	--	--	--	--	0	2
Mayville St. Col.[c]	Q	--	39	--	18	--	43	--	16	--	16	42	33	42	--	33	--	--	--	--	--	--	--	--	--	0	3
Minot St. Col.[c]	Q	--	--	9	--	21	--	--	--	7	--	27	27	--	--	27	--	--	--	--	--	--	--	--	--	0	1
Valley City St. Col.	Q	--	56	--	46	--	59	--	41	--	40	34	34	--	--	30	--	--	--	--	--	--	--	--	--	0	3
Ohio																											
Bowling Green St. U.	Q	48	--	--	--	65	--	--	--	56	--	89	73	--	45	30	--	--	--	--	--	--	--	--	--	5	1
Hiram Col.	Q	--	4	--	--	--	5	--	--	--	11	30	--	--	--	30	--	--	--	--	--	--	--	--	--	0	1
Miami U.	Q	--	148	--	--	--	150	--	62	--	206	31	27	--	--	30	--	--	--	--	--	--	--	--	--	2	0
Ohio Dominican Col.	S	7	85	--	45	7	81	--	46	10	70	32	32	21	32	20	--	--	--	10	12	--	24	26	16	1	2
Ohio U.-Athens	Q	--	109	--	24	--	68	--	23	--	55	38	--	--	--	33	--	--	--	--	--	--	--	--	--	0	3
Wittenberg U.	Q	--	--	--	--	--	--	--	--	--	--	30	--	--	--	--	--	--	--		--	--	--	--	--	[illegible]	3
Oklahoma																											
Central St. U.	S	274	40	165	12	254	50	93	15	191	30	45	33	--	26	18	--	24	--	--	25	--	--	--	--	4	0
Oklahoma St. U.[e]	S	229	--	89	--	198	--	49	--	123	--	29	24	--	24	17	--	--	--	--	--	--	--	--	--	1	2
Oregon																											
Marylhurst Col.	S	3	1	--	1	9	12	--	2	5	21	33	16	--	--	16	--	--	--	--	--	--	--	--	--	0	4
Oregon College of Ed.	Q	18	4	24	8	18	3	18	2	19	6	21	21	0	--	21	--	15	--	--	13	--	--	--	--	0	3
Southern Oregon Col.	Q	--	--	--	--	--	--	--	9	--	--	35	--	--	--	--	--	--	--	--	--	--	--	--	--	0	7
Pennsylvania																											
Harcum Jr. Col.[c]	S	3	1	--	--	4	1	--	--	2	1	--	--	--	--	--	2	--	--	--	--	--	--	--	--	0	1
Lockhaven St. Col.	S	--	85	20	--	--	65	12	--	--	32	22	22	--	22	--	--	27	--	--	20	--	--	--	65	1	4
Mansfield St. Col.	S	78	--	--	--	60	4	--	--	60	12	42	42	--	36	--	--	--	--	--	--	--	--	--	--	3	0
Slippery Rock St. Col.	S	176	52	90	49	156	14	154	--	156	16	36	24	--	24	24	--	58	--	--	--	--	--	--	--	4	0
South Carolina																											
Lander Col.	S	--	--	--	--	--	--	--	--	--	--	24	24	--	--	18	--	--	--	--	--	--	--	--	--	0	2
South Dakota																											
Augustana College	S	--	--	--	--	--	--	--	--	--	--	24	24	-	--	--	--	--	--	--	--	--	--	--	--	0	4
Dakota St. Col.	S	--	--	--	--	--	--	--	--	--	--	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Northern St. Col.	S	27	--	79	--	12	--	49	--	16	--	--	18	--	--	18	--	--	--	--	--	--	--	--	--	0	2
Sioux Falls Col.	S	3	5	--	13	3	--	--	30	--	1	22	22	--	--	18	--	--	--	--	--	--	--	--	--	0	2
Tennessee																											
Austin Peay St. U.	Q	77	--	36	--	70	--	64	--	63	--	27	27	--	--	27	--	--	--	--	--	--	--	--	--	1	0
Fisk University	S	--	53	--	--	--	41	--	--	--	46	15	--	--	--	--	--	--	--	--	--	--	--	--	--	1	0
Lambuth Col.	S	--	--	--	--	8	3	22	3	23	5	20	20	0	--	18	--	--	--	--	--	--	--	--	--	0	3
Middle Tenn. St. U.	S	27	96	42	168	28	104	43	153	34	139	18	18	--	--	18	--	--	--	--	--	--	--	--	--	2	1
Tenn. Tech. Inst.	Q	13	9	--	--	16	12	--	--	15	7	27	24	--	--	27	--	--	--	--	--	--	--	--	--	1	1

[e] Grants B.S.Ed with library science major.

TABLE H (continued)

		Number of Students Enrolled in Library Science Programs										Number of Course Credit Hours					Number of Degrees/ Certificates						Number of Known Placements of Graduates			Number of Faculty in Library Science Program	
State and Institution	Organization of School Year	Fall 1971		Summer 1972		Fall 1972		Summer 1973		Fall 1973		Total Listed	LS Major or Minor	Library Technician	Required for LS Major	Required for LS Minor	Awarded 1972/73			Expected 1973/74			1970 /71	1971 /72	1972 /73	FT	PT
		FT	PT	FT	PT	FT	PT	FT	PT	FT	PT						2-year Associate	4-year Bachelors	Technician Certificates	2-year Associate	4-year Bachelors	Technician Certificates					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Texas																											
Mary Hardin Baylor Col.	S	--	--	--	--	--	--	--	--	--	--	18	--	--	--	--	--	--	--	--	--	--	--	--	--	0	1
Prairie View A & M U.	S	67	--	28	--	62	--	42	--	60	--	24	18	--	24	18	--	11	--	--	7	--	--	6	8	--	--
U. of Texas-El Paso	S	--	--	--	--	--	--	--	--	20	11	18	18	--	--	--	--	--	--	--	--	--	--	--	--	[illegible]	0
Utah																											
Weber State Col.	Q	--	73	0	0	--	--	--	--	0	0	28	28	--	--	25	--	--	--	--	--	--	--	--	--	0	0
Virginia																											
Old Dominion U.	S	18	23	--	29	19	29	8	21	--	84	21	21	--	21	--	--	14	--	--	15	--	8	11	13	2	4
Radford College	Q	70	3	33	8	70	--	16	--	54	2	32	30	--	29	27	--	12	[illegible]	--	15	--	5	--	12	1	2
Virginia St. Col.	S	16	--	--	--	20	--	--	--	27	9	--	--	--	27	18	--	[illegible]	--	--	3	--	--	3	3	1	1
Washington																											
Seattle Pacific Col.[f]	Q	50	--	--	--	40	--	--	--	50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	7
Walla Walla Col.	Q	--	--	--	--	--	--	--	--	--	8	38	52	--	--	30	--	--	--	--	--	--	--	--	--	0	6
Whitworth Col.	S	22	12	2	10	10	14	7	13	2	5	35	35	--	--	25	--	--	--	--	--	--	--	--	--	0	2
West Virginia																											
Concord Col.	S	--	--	--	--	--	--	--	--	--	71	--	--	--	--	--	--	25	--	--	18	--	--	--	--	1	0
Fairmont St. Col.	S	22	--	--	--	23	--	--	--	32	--	21	21	--	--	21	--	--	--	--	--	--	--	--	--	0	3
Glenville St. Col.	S	17	--	6	--	21	--	9	--	20	--	27	24	--	27	--	--	8	--	--	4	--	6	11	2	0	4
Salem College	S	18	--	6	--	13	--	3	--	12	--	26	20	--	--	20	--	--	--	--	--	--	1	2	3	0	2
Shepherd College	S	84	--	--	--	51	--	--	--	25	--	27	27	--	--	27	--	--	--	--	--	--	3	5	0	0	2
West Virginia U.	S	47	1	82	4	36	--	32	--	39	--	33	24	6	24	18	--	5	--	--	5	--	--	--	5	2	2
West Va. Wesleyan Col.	S	48	--	--	--	43	43	--	--	39	--	29	29	--	26	18	--	2	--	--	6	--	--	7	2	0	4
Wisconsin																											
College of Racine	S	--	16	--	21	--	10	--	12	--	11	24	24	--	--	22	--	--	--	--	--	--	--	--	--	0	3
Silver Lake Col.	S	--	17	--	13	--	19	--	8	--	7	24	24	--	--	24	--	--	--	--	--	--	--	--	--	1	0
U. of Wisconsin-Eau Claire	S	66	--	19	--	78	--	19	--	83	--	38	36	--	--	24	--	--	--	--	--	--	--	--	--	4	1
U. of Wisconsin-La Crosse	S	142	--	62	--	131	--	59	--	78	--	22	22	--	--	22	--	--	--	--	--	--	--	--	--	1	1
U. of Wis.-Platteville	S	61	--	12	--	55	2	14	--	20	1	19	24	--	--	24	--	--	--	--	--	--	--	--	--	0	3
U. of Wis.-River Falls	Q	79	--	53	--	80	--	21	--	66	--	35	33	--	--	33	--	--	--	--	--	--	--	--	--	1	0
U. of Wis.-Superior	S	29	--	16	--	30	--	19	--	14	--	25	21	--	--	23	--	--	--	--	--	--	--	--	--	0	4
U. of Wis.-Whitewater	S	10	--	6	--	23	--	4	--	20	--	35	26	--	--	26	--	--	--	--	--	--	--	--	--	3	0
Wyoming																											
U. of Wyoming	S	--	--	--	--	--	--	--	--	106	60	41	41	--	--	--	--	--	--	--	--	--	--	--	--	3	5

[f] Curriculum in Learning Resources soon to be started.

TABLE I

SELECTED DATA ON LIBRARY TECHNICAL ASSISTANT PROGRAMS BY STATE AND INSTITUTION, 1971-1973

State and Institution	Type of Program[a]	Organization of School Year[b]	Enrollment						Number of course credit hours			Degrees Awarded				Projection of Degrees to be Awarded						Number of known placements of Graduates			Number of Faculty	
			Fall 1971		Fall 1972		Fall 1973		Primarily for LT Program	Required for Assoc. Degree	Required for Certification	71/72		72/73		73/74		74/75		77/78		70/71	71/72	72/73	FT	PT
			FT	PT	FT	PT	FT	PT				2-year Associate	Technician Certificate	2-year Associate	Technician Certificate	2-year Associate	Technician Certificate	2-year Associate	Technician Certificate	2-year Associate	Technician Certificate					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Alabama																										
S. D. Bishop St. Jr. Col.	2	Q	35	1	--	--	15	11	18	97	--	3	--	--	--	1	--	--	--	15	--	--	4	--	--	--
Arizona																										
Mesa Com. Col.	2	S	33	--	22	--	23	--	21	64	--	--	--	--	--	--	--	20	--	--	--	1	--	--	--	4
California																										
Cal. St. U.-Fresno	1	S	--	28	--	18	--	21	--	--	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chaffey Col.	2	Q	--	31	--	35	1	25	31	90	40	1	3	2	7	--	6	--	--	--	--	5	2	5	--	3
Citrus C.C.	2	S	19	16	19	16	16	20	18	60	30	8	12	6	11	--	--	--	--	--	--	8	8	6	--	2
Col. of San Mateo	1	S	--	51	--	104	--	85	15	--	24	--	12	--	13	--	12	--	12	--	12	--	9	12	--	5
Col. of the Canyons	2	Q	3	18	3	31	2	21	22	60	19	1	6	2	5	1	2	2	10	1	2	--	--	--	--	1
Col. of the Desert[c]	2	S	--	--	--	--	--	8	14	62	14	--	--	1	--	--	--	--	8	--	--	--	--	--	--	1
Col. of the Siskiyous	2	S	--	9	--	13	--	17	28	60	22	113	3	135	4	--	3	--	--	--	--	--	--	--	--	1
Contra Costa Col.	--	--	--	--	--	--	--	35	--	--	--	--	--	--	12	--	15	--	15	--	--	--	--	--	--	2
Foothill Jr. Col.	2	Q	--	--	--	--	60	--	28	90	38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3
Fullerton Col.	2	S	102	--	146	--	146	--	--	60	20	--	18	--	12	--	--	--	--	--	--	8	7	12	--	5
Grossmont Col.	2	S	--	52	--	67	--	48	15	60	30	--	--	--	--	8	12	15	10	--	--	--	--	--	--	--
Hartnell Col.	2	S	--	--	--	--	15	--	15	60	--	--	--	--	--	--	--	2	15	--	--	--	--	--	--	3
L.A. Trade-Tech. Col.	2	S	--	--	--	--	30	48	--	--	--	--	--	18	13	12	5	24	7	30	12	--	--	--	1	2
Palomar Col.	2	S	20	30	6	17	8	9	12	60	25	--	3	--	5	--	5	--	5	--	--	--	--	2	--	4
Pasadena City Col.[d]	2	S	22	45	13	29	--	--	16	61	24	15	5	7	8	10	5	10	5	10	5	--	--	--	--	3
Riverside City Col.	2	S	--	--	--	--	10	30	13	62	--	7	7	9	4	6	--	--	--	--	--	3	3	5	--	5
San Bernadino Val. Col.	1	S	--	--	--	--	--	12	20	60	20	--	14	--	2	--	8	--	--	--	--	--	--	--	--	4
Santa Ana Col.	2	S	--	--	--	--	--	75	18	60	--	--	--	--	--	6	--	10	--	25	--	--	--	--	--	4
Santa Barbara City Col.	2	S	--	39	--	40	--	71	16	60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1
Colorado																										
Com. Col. of Denver[e]	2	Q	43	5	40	5	37	17	0	100	52	35	--	35	--	30	50	40	100	40	200	5	10	15	2	--
S. Colorado St. Col.	2	Q	--	25	--	16	--	34	27	93	--	3	--	3	--	--	--	--	--	--	--	--	3	3	--	6
Connecticut																										
Manchester C.C.	2	S	--	--	3	15	8	23	15	60	30	--	--	--	--	2	--	--	--	--	--	--	--	--	1	1
N.W. Conn. C.C.	2	S	16	13	9	22	8	26	60	60	--	6	--	8	--	--	--	--	--	--	--	--	--	--	1	--
District of Columbia																										
Grad School, USDA	1	Q	--	66	--	249	--	169	24	--	28	--	21	--	18	--	18	--	18	--	18	--	--	--	--	15
Hawaii																										
Leeward C.C.	2	S	22	6	49	15	57	8	18	60	30	7	--	9	2	7	3	--	--	--	--	4	5	5	1	1
Idaho																										
Col. of S. Idaho	2	S	11	--	8	--	27	--	16	64	15	8	--	10	--	8	1	10	2	12	3	5	4	7	--	2
Illinois																										
Col. of DuPage	2	Q	10	83	6	57	12	59	25	90	25	20	12	4	14	3	10	13	33	5	12	1	24	19	1	4
Illinois C.Col.	2	S	1	42	6	26	11	29	24	64	--	1	--	2	--	5	--	4	--	2	--	--	1	2	--	2
Sauk Val. Col.	2	S	4	3	3	1	3	10	18	64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3
S.W. College	2	S	--	80	--	72	--	44	21	60	15	--	23	--	42	--	40	--	--	--	--	--	--	--	1	--
Wilbur Wright Col.	2	S	--	57	--	49	--	43	12	59	12	2	--	1	--	6	15	6	18	6	26	--	--	--	--	1
Iowa																										
Kirkwood C.C.	2	Q	--	--	--	--	--	17	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2
Somerset C.C.	2	S	4	--	4	--	6	--	16	67	--	1	--	3	--	2	--	3	--	4	--	--	1	2	--	3
Maine																										
Westbrook Col.	2	S	--	--	3	--	10	--	24	64	--	--	--	--	--	3	--	7	--	--	--	--	--	--	--	2
Massachusetts																										
Bristol C.C.	2	S	11	4	21	2	31	10	--	60	15	5	--	7	--	7	2	9	4	15	9	--	--	--	--	4
Michigan																										
Alpena C.C.	2	S	2	--	2	--	2	--	15	65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3
Ferris St. Col.	2	Q	27	3	36	4	30	--	22	95	--	11	--	15	--	12	--	12	--	--	--	--	--	--	1	--
Lansing C.C.	2	Q	15	--	30	--	15	--	27	90	47	6	1	8	--	7	--	7	--	7	--	3	5	6	--	2
Macomb County Col.	2	S	12	46	15	64	18	56	21	62	30	5	25	7	13	10	20	15	10	30	5	--	--	--	--	3

[a] Type of program indicated as follows: 1 = one-year program offered; 2 = two-year program or both one- and two-year programs offered.

[b] Organization of school year indicated as follows: S = semester; Q = quarter; T = trimester.

[c] Second class of 25 students began Spring 1974.

[d] Computer output not yet available.

[e] One year programs are planned for Micro Media and Records Management.

TABLE I (continued)

State and Institution	Type of Program [a]	Organization of School Year [b]	Enrollment						Number of course credit hours			Degrees Awarded				Projection of Degrees to be Awarded						Number of known placements of Graduates			Number of Faculty	
			Fall 1971		Fall 1972		Fall 1973					71/72		72/73		73/74		74/75		77/78						
			FT	PT	FT	PT	FT	PT	Primarily for LT Program	Required for Assoc. Degree	Required for Certification	2-year Associate	Technician Certificate	2-year Associate	Technician Certificate	2-year Associate	Technician Certificate	2-year Associate	Technician Certificate	2-year Associate	Technician Certificate	70/71	71/72	72/73	FT	PT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Minnesota																										
Bemidji St. Col.	2	Q	2	--	2	--	2	--	18	96	--	--	--	2	--	1	--	2	--	6	--	6	5	4	--	4
Missouri																										
Florrissant Val. C.C.[†]	2	S	--	--	--	--	--	56	--	64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9
New Hampshire																										
U. of N.H.-Merrimac	2	S	19	34	17	30	12	17	24	16	--	6	--	14	--	8	--	9	--	--	--	1	7	10	1	--
New Jersey																										
Alphonsus Col.	2	S	3	--	1	2	4	5	--	63	--	1	--	2	--	3	--	4	--	--	--	5	10	10	1	3
New York																										
Hilbert Col.	2	S	20	13	24	11	31	8	29	64	--	10	--	9	--	12	--	15	--	24	--	6	8	7	1	1
Maria Regina Col.	2	S	9	--	7	--	10	--	32	63	--	2	--	6	--	8	--	8	--	11	--	4	2	6	--	2
North Carolina																										
Caldwell C.C. and Tech. Inst.	2	Q	25	--	20	--	14	--	25	109	--	10	--	6	--	10	--	5	--	10	--	8	7	5	--	2
Lenoir C.C.	2	Q	13	--	14	1	16	3	24	104	--	--	3	--	1	3	--	[illegible]	--	--	--	--	3	1	1	--
Ohio																										
Cuyahoga C.C.	2	Q	89	12	75	13	80	66	20	93	--	5	--	10	--	10	--	--	--	--	--	5	15	8	1	3
Miami U.-Middleton	2	Q	--	--	6	27	12	32	27	96	--	4	--	4	--	4	--	--	--	--	--	--	4	4	--	3
Ohio U.-Lancaster	2	Q	15	20	30	7	14	12	46	90	--	--	--	14	--	8	--	12	--	12	--	--	--	11	1	1
Pennsylvania																										
Harrisburg Area C.C.	2	S	--	--	--	--	3	8	--	--	--	--	--	--	--	6	--	2	--	--	--	--	--	--	1	1
Northhampton Area C.C.	2	S	1	38	1	38	1	24	24	60	24	--	12	--	--	--	17	--	--	--	--	--	--	--	--	3
Williamsport Area C.C.	2	S	--	--	--	--	17	3	--	29	--	--	--	--	--	9	--	9	--	12	--	--	--	--	1	1
Texas																										
El Centro Col.	2	S	10	5	7	5	3	1	12	63	--	8	--	4	--	--	--	3	--	--	--	8	7	3	--	1
San Antonio Col.	2	S	--	--	--	--	--	--	22	60	--	6	--	5	--	--	--	--	--	--	--	8	5	5	1	3
Utah																										
Brigham Young U.	2	T	14	1	22	2	34	3	29	64	--	5	--	6	--	10	--	12	--	16	--	1	3	3	--	2
Wisconsin																										
Kenosha Tech. Inst.	2	S	--	--	--	--	28	20	30	68	--	15	--	15	--	15	--	15	--	20	--	--	--	--	1	1

[†] Another 100 part-time students are not taking specific library courses this semester.

Appendix A:
Institutions Not Currently Offering Courses

APPENDIX A: INSTITUTIONS NOT CURRENTLY OFFERING COURSES

ALABAMA

HUNTINGDON COLLEGE
Montgomery, AL 36106

ARIZONA

MARICOPA TECHNICAL COLLEGE
106 E. Washington St.
Phoenix, AZ 85004

CALIFORNIA

COLLEGE OF THE REDWOODS
Eureka, CA 95501

CYPRESS COLLEGE
9200 Valley View
Cypress, CA 90630

GAVILAN COLLEGE
5055 Santa Teresa Blvd.
Gilroy, CA 95020

IMMACULATE HEART COLLEGE
Los Angeles, CA 90027

LONG BEACH CITY COLLEGE
4901 E. Carson
Long Beach, CA 90808

NAPA COLLEGE
2277 Napa Vallejo Hwy.
Napa, CA 94558

ORANGE COAST COLLEGE
2701 Fairview Road
Costa Mesa, CA 92626

PORTERVILLE COLLEGE
900 S. Main St.
Porterville, CA 93257

SAN JOSE CITY COLLEGE
2100 Moorpark Ave.
San Jose, CA 95114

SIERRA COLLEGE
5000 Rocklin Rd.
Rocklin, CA 95677

COLORADO

MESA COLLEGE
Grand Junction, CO 81501

TRINIDAD STATE JUNIOR COLLEGE
Trinidad, CO 81082

DELAWARE

DELAWARE TECHNICAL & COMMUNITY COLLEGE--NORTH
Wilmington, DE 19802

FLORIDA

BARRY COLLEGE
11300 N.E. 2d Ave.
Miami Shores, FL 33161

LAKE CITY COMMUNITY COLLEGE
Lake City, FL 32055

PALM BEACH JUNIOR COLLEGE
4200 Congress Ave.
Lake Worth, FL 33460

STETSON UNIVERSITY
Box 1418
Deland, FL 32720

ILLINOIS

LAKE LAND COLLEGE
South Route 45
Mattoon, IL 61938

OLNEY CENTRAL COLLEGE
305 Northwest St.
Olney, IL 62450

KANSAS

COLBY COMMUNITY JUNIOR COLLEGE
Colby, KS 67701

MARYMOUNT COLLEGE
E. Iron & Marymount Rds.
Salina, KS 67401

MOUNT ST. SCHOLASTICA COLLEGE
Atchinson, KS 66002

KENTUCKY

BEREA COLLEGE
Berea, KY 40403

KENTUCKY STATE UNIVERSITY
E. Main St.
Frankfort, KY 40601

PADUCAH COMMUNITY COLLEGE
Blandville Rd., Box 1380
Paducah, KY 42001

MARYLAND

CATONSVILLE COMMUNITY COLLEGE
800 S. Rolling Rd.
Catonsville, MD 21228

MICHIGAN

CALVIN COLLEGE
Grand Rapids, MI 49506

HIGHLAND PARK COMMUNITY COLLEGE
Glendale & 3d Ave.
Highland Park, MI 48203

JACKSON COMMUNITY COLLEGE
2111 Emmons Rd.
Jackson, MI 49201

LAKE MICHIGAN COLLEGE
2755 E. Napier Ave.
Benton Harbor, MI 49022

WASHTENAW COMMUNITY COLLEGE
Box 345
Ann Arbor, MI 48107

MINNESOTA

COLLEGE OF ST. TERESA
Winona, MN 55987

NORTHLAND STATE JUNIOR COLLEGE
Thief River Falls, MN 56701

MISSOURI

EAST CENTRAL JUNIOR COLLEGE
Locust & Linder, Box 467
Union, MO 63084

MERAMEC COMMUNITY COLLEGE
11333 Big Ben Blvd.
Kirkwood, MO 63122

NEBRASKA

PERU STATE COLLEGE
Peru, NE 68421

SOUTHEAST COMMUNITY COLLEGE
Fairbury, NE 68352

INSTITUTIONS NOT CURRENTLY OFFERING COURSES (CONTINUED)

NEVADA

UNIVERSITY OF NEVADA
Reno, NV 89507

NEW HAMPSHIRE

WHITE PINES COLLEGE
Box 278
Chester, NH 03036

NEW JERSEY

CAMDEN COUNTY COLLEGE
Box 200
Blackwood, NJ 08012

UNION COUNTY TECHNICAL INSTITUTE
1776 Raritan Rd.
Scotch Plains, NJ 07076

NEW YORK

HERKIMER COUNTY COMMUNITY COLLEGE
Herkimer, NY 13350

MOHAWK VALLEY COMMUNITY COLLEGE
Uttica, NY 13501

ONONDAGA COMMUNITY COLLEGE
Syracuse, NY 13215

ORANGE COUNTY COMMUNITY COLLEGE
Middletown, NY 10940

STATE UNIVERSITY OF NEW YORK,
AGRICULTURAL & TECHNICAL COLLEGE
Alfred, NY 14802

STATE UNIVERSITY OF NEW YORK,
AGRICULTURAL & TECHNICAL COLLEGE
Melville Rd.
Farmingdale, NY 11735

NORTH CAROLINA

BEAUFORT COUNTY TECHNICAL INSTITUTE
Hwy. 264 E., Box 1069
Washington, NC 27889

CAPE FEAR TECHNICAL INSTITUTE
411 N. Front St.
Wilmington, NC 28401

CENTRAL PIEDMONT COMMUNITY COLLEGE
Box 4009
Charlotte, NC 28204

PFEIFFER COLLEGE
Misenheimer, NC 28109

SANDHILLS COMMUNITY COLLEGE
Airport Rd., Box 1379
Southern Pines, NC 28387

OHIO

LAKELAND COMMUNITY COLLEGE
Mentor, OH 44060

SINCLAIR COMMUNITY COLLEGE
44 W. 3d St.
Dayton, OH 45402

OREGON

CLACKAMAS COMMUNITY COLLEGE
19600 S. Malolla Ave.
Oregon City, OR 97045

EASTERN OREGON COLLEGE
LaGrande, OR 97850

TREASURE VALLEY COMMUNITY COLLEGE
Ontario, OR 97914

UNIVERSITY OF PORTLAND
5000 N. Willamette Blvd.
Portland, OR 97203

PENNSYLVANIA

COMMUNITY COLLEGE OF ALLEGHENY
COUNTY, BOYCE CAMPUS
595 Beatty Rd.
Monroeville, PA 15146

HARCUM JUNIOR COLLEGE
Bryn Mawr, PA 19010

MT. ALOYSIUS JUNIOR COLLEGE
Cresson, PA 16630

SOUTH CAROLINA

BOB JONES UNIVERSITY
Greenville, SC 29614

GREENVILLE TECHNICAL EDUCATION
CENTER
Greenville, SC 29606

TEXAS

AMARILLO COLLEGE
Box 447
Amarillo, TX 79105

CISCO JUNIOR COLLEGE
Route 3
Cisco, TX 76437

HILL JUNIOR COLLEGE
Hillsboro, TX 76645

INCARNATE WORD COLLEGE
4301 Broadway
San Antonio, TX 78209

ODESSA COLLEGE
Box 3752
Odessa, TX 79760

UTAH

UTAH TECHNICAL COLLEGE
Provo, UT 84601

VERMONT

VERMONT COLLEGE
Montpelier, VT 05602

VIRGINIA

MARYMOUNT COLLEGE OF VIRGINIA
2807 N. Glebe Rd.
Arlington, VA 22207

WASHINGTON

OLYMPIC COLLEGE
16th & Chester
Bremerton, WA 98310

SEATTLE UNIVERSITY
Seattle, WA 98122

SHORELINE COMMUNITY COLLEGE
16101 Greenwood Ave. N.
Seattle, WA 98133

WALLA WALLA COMMUNITY COLLEGE
340 S. Park St.
Walla Walla, WA 99362

WENATCHEE VALLEY COLLEGE
Wenatchee, WA 98801

WISCONSIN

SPENCERIAN COLLEGE
Milwaukee, WI 53210

WYOMING

CASPER CITY COLLEGE
125 College Dr.
Casper, WY 82601

CANADA--ONTARIO

UNIVERSITY OF OTTAWA
Ottawa, Ontario KIN 6N5

Appendix B:
Survey Instruments

Appendix B

INDIANA UNIVERSITY
Graduate Library School
UNIVERSITY LIBRARY
BLOOMINGTON, INDIANA 47401

TEL. NO. 812—337-2666

SURVEY OF LIBRARY AND INFORMATION SCIENCE EDUCATION PROGRAMS 1971-1973

In order to continue the series of surveys originated in the U.S. Office of Education in 1962-1963, we would like to request your cooperation in completing the attached questionnaire. This questionnaire is designed to secure information about all formal library and information science education programs in North America.

For purposes of comparison, the survey covers the subject areas included in the 1969-1971 study, except that the questions on physical facilities have been omitted; the questions on enrollment and support have been expanded in line with suggestions made by David K. Berninghausen in the Winter 1972 issue of Journal of Education for Librarianship.

The survey is sponsored by the Graduate Library School of Indiana University and supported by a grant from the U.S. Department of Health, Education, and Welfare.

The directors of undergraduate and technician programs need only fill out the abbreviated yellow section. IN CASE YOU CANNOT SUPPLY ANSWERS IN THE REQUIRED FORM, REPLY IN YOUR OWN WORDS, BUT PLEASE CHECK THE APPROPRIATE BOX BELOW.

SIGN AND RETURN THE ENTIRE QUESTIONNAIRE, WHETHER FILLED OUT OR NOT, BY NOVEMBER 10, 1973.

D. Kathryn Weintraub	Sarah R. Reed
D. Kathryn Weintraub, Associate Professor Graduate Library School Indiana University	Sarah R. Reed, Associate Dean Graduate Library School Indiana University

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TYPE OF PROGRAM

Please check one and follow instructions for that category.

1. ☐ Graduate program only 2. ☐ Graduate and undergraduate program	COMPLETE SECTION I (BLUE)	Return entire questionnaire in enclosed, self-addressed envelope to:
3. ☐ Undergraduate program only (Baccalaureate or Certification) 4. ☐ Two-year library technician program (Associate Degree) 5. ☐ One-year library technician program (Certificate)	COMPLETE SECTION II (YELLOW)	Graduate Library School Indiana University Library 011 Bloomington, INDIANA 47401
6. ☐ Institution no longer offers library education program 7. ☐ Institution never offered library education program 8. ☐ Institution plans to offer library education programs in ________	FILL OUT BOTTOM OF THIS PAGE	

Name and title of person completing this report	Area code Phone Extension	Date

Appendix B

Section I

Graduate Library and Information Science Education Programs

NAME AND ADDRESS OF INSTITUTION AND TITLE OF HEAD OF PROGRAM (Please print)	NAME OF PROGRAM
	AREA CODE - TELEPHONE NUMBER - EXTENSION

1. Is program ALA accredited? ☐ Yes ☐ No
2. Indicate the organization of your school year. Check one.
   ☐ Semester ☐ Quarter ☐ Trimester ☐ Other (please specify) ______________

I. ENROLLMENT

A. FOR 1971/1972, INCLUDING SUMMER SESSION(S) 1972. Be sure to indicate clearly the specific time period covered, e.g., Semester I, Quarter I, or Summer Session I, in the blank at the top of each column.

Number of students enrolled in library and information science education programs (do not include service courses)	1971/72 Enrollment for ______				1971/72 Enrollment for ______				1971/72 Enrollment for ______			
	FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load		FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load		FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
1. Undergraduates in l.s. courses												
2. Masters (l.s.)												
3. Intermediate & Post-Masters (l.s.)												
4. Doctoral Candidates (l.s.)												
5. Special Students (not degree candidates) (l.s.)												
6. Graduate students from areas other than l.s. in l.s. courses												

Number of students enrolled in library and information science education programs (do not include service courses)	1971/72 Enrollment for ______				1971/72 Enrollment for ______				1971/72 Enrollment for ______			
	FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load		FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load		FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
1. Undergraduates in l.s. courses												
2. Masters (l.s.)												
3. Intermediate & Post-Masters (l.s.)												
4. Doctoral Candidates (l.s.)												
5. Special Students (not degree candidates) (l.s.)												
6. Graduate students from areas other than l.s. in l.s. courses												

THIS SECTION CONTINUED ON NEXT PAGE

B. FOR 1972/1973. INCLUDING SUMMER SESSION(S) 1973. Be sure to indicate clearly the specific time period covered, e.g., Semester I, Quarter I, or Summer Session I, in the blank at the top of each column.

Number of students enrolled in library and information science education programs (do not count service courses)	1972/73 Enrollment for ________				1972/73 Enrollment for ________				1972/73 Enrollment for ________			
	FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load		FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load		FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
1. Undergraduates in l.s. courses												
2. Masters (l.s.)												
3. Intermediate & Post-Masters (l.s.)												
4. Doctoral Candidates (l.s.)												
5. Special Students (not degree candidates) (l.s.)												
6. Graduate students from areas other than l.s. in l.s. courses												

Number of students enrolled in library and information science education programs (do not count service courses)	1972/73 Enrollment for ________				1972/73 Enrollment for ________				1972/73 Enrollment for ________			
	FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load		FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load		FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
1. Undergraduates in l.s. courses												
2. Masters (l.s.)												
3. Intermediate & Post-Masters (l.s.)												
4. Doctoral Candidates (l.s.)												
5. Special Students (not degree candidates) (l.s.)												
6. Graduate students from areas other than l.s. in l.s. courses												

C. FOR FALL 1973.

Number of students enrolled in library and information science education programs (do not count service courses)	Enrollment for Fall 1973			
	FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load	
	MEN	WOMEN	MEN	WOMEN
1. Undergraduates in l.s. courses				
2. Masters (l.s.)				
3. Intermediate & Post-Masters (l.s.)				
4. Doctoral candidates (l.s.)				
5. Special Students (not degree candidates) (l.s.)				
6. Graduate students from area other than l.s. in l.s. courses				

II. CURRICULUM 1973/1974

	Course Credit Hours*
1. Total number of credit hours of all courses in library and information science listed in most recent catalog. Omit all courses which have not been offered within the past two years.	
2. Courses for undergraduate credit only.	
3. Courses for undergraduate and graduate credit.	
4. Courses primarily for graduate credit toward Masters degree.	
5. Advanced graduate courses (doctoral, post-Masters, 2nd level degrees).	
6. How many credit hours are required for undergraduate major in library science?	
7. How many credit hours are required for undergraduate minor in library science?	
8. How many credit hours are required for the 1st Masters degree?	

*Report consistently with response for item 2 at top of page 1 above. Canadian schools should report each course as 3 credit hours each semester unless respondent indicates otherwise.

III. DEGREES AWARDED

Number of degrees granted in 1971/1972 including summer session 1972 and in 1972/1973 including summer session 1973	1971/1972		1972/1973	
	MEN	WOMEN	MEN	WOMEN
1. 4-year Bachelors degrees				
2. First professional degrees requiring at least 5 years of study (Masters)				
3. Second-level professional degrees (post-Masters, etc.)				
4. Doctoral degrees				
5. Other (specify)				
6. Other (specify)				

IV. PLACEMENTS AND SALARIES OF GRADUATES

NOTE: Please state salaries on a monthly basis (not annual) and round to the nearest dollar. Do not include decimal points or dollar signs.

	Number Known Placements at End of Year			Salaries Offered upon Employment					
				1970/71		1971/72		1972/73	
	1970/71	1971/72	1972/73	HIGH	LOW	HIGH	LOW	HIGH	LOW
1. Public (Municipal, County, Regional) and State									
2. School									
3. College and University									
4. Special and other (specify)									

V. ADMINISTRATION

Does the head of the school or department report administratively to the institution's (check one)

1. ☐ President or Chancellor 2. ☐ Vice President or Vice Chancellor 3. ☐ Dean of College

4. ☐ Dean of Graduate School 5. ☐ Other (specify) ______________

VI. FACULTY AND STAFF AS OF FALL 1973

Report under full-time all faculty members who have full-time responsibilities within the library education program, including those who devote all or part of their time to administration. Faculty members reported under part time may be full-time university employees with responsibilities in other units. Include faculty on sabbatical leave under appropriate category.

Number of Faculty, by Rank, Fall 1973	Full-Time		Part-Time	
	Number of Faculty	Weekly Contact Hrs	Number of Faculty	Weekly Contact Hrs
1. Head of program				
2. Assoc. or Assist. Head of Program				
3. Professor				
4. Assoc. Professor				
5. Assist. Professor				
6. Instructor				
7. Other (specify)				

Number of Supporting Staff, excluding Maintenance, Fall 1973	Full-Time	Part-Time
8. Librarians		
9. Secretaries		
10. Clerical assistants		
11. Other (specify)		

DISTRIBUTION OF FULL-TIME FACULTY IN LIBRARY EDUCATION PROGRAM BY RANK AND SALARY CATEGORY FALL 1973

Enter the number of full-time faculty members in each category. Exclude faculty members employed on a part-time basis or for less than 9 months. Include full-time faculty members on sabbatical leave, and report their salaries, as you would if they were teaching their normal schedules. If you wish to limit use of data to statistical analysis, check as appropriate in the last column. The total number of faculty reported here should equal the total number reported under "full-time faculty" above.

TYPE OF POSITION	ANNUAL SALARY CATEGORY															
Employed 9-10 months	Under 8000	8000 to 9999	10000 to 11999	12000 to 13999	14000 to 15999	16000 to 17999	18000 to 19999	20000 to 21999	22000 to 23999	24000 to 25999	26000 to 27999	28000 to 29999	30000 to 31999	32000 to 33999	34000 and over	Check if for analysis only
12. Head of program																
13. Assoc/Assist Head of Program																
14. Professor																
15. Assoc Prof																
16. Assist Prof																
17. Instructor																
18. Other Instructional Staff (Specify)																

Employed
11-12 months

19. Head of Program																
20. Assoc/Assist Head of Program																
21. Professor																
22. Assoc Prof																
23. Assist Prof																
24. Instructor																
25. Other Instructional Staff (Specify)																

VII. INCOME AND EXPENDITURES

Round all figures to the nearest dollar. Specify sources of authorization of U.S. funds by title.

A. EDUCATIONAL EXPENSES[a]	Parent Institution				Grants		Endowments		Other (specify)		TOTALS	
	L.S.		Non-L.S.[b]									
	72/73	73/74 Est	72/73	73/74 Est	72/73	73/74 Est	72/73	73/74 Est	72/73	73/74 Est	72/73	73/74 Est
1. Faculty salaries[c]												
2. Faculty fringe benefits												
3. Consultants												
4. Clerical salaries												
5. Clerical fringe benefits												
6. Faculty travel												
7. Student travel[d]												
8. Supplies and expenses												
9. Furniture and equipment												
10. Remodeling												
11. Computer time												
12. Library services including salaries												
13. Janitorial services												
14. Other (specify)												
15. Other (specify												
16. Other (specify)												
TOTALS												

B. FINANCIAL AID TO STUDENTS

1. Scholarships and/or fellowships												
2. Associate instructorships[e]												
3. Graduate assistantships												
4. Research assistantships												
5. Tuition and/or fees												
6. Stipends including dependents[f]												
7. Other (specify)												
TOTALS												

---

[a] The purpose of items 2, 5, 12, and 13 is to secure consistent reporting. Include only if part of library school budget.

[b] Include here items that affect the library school program but are not reflected in the library school budget.

[c] Report Associate Instructor stipends under item B3.

[d] Include only program-related expenses, e.g., field trips.

[e] Refers to graduate student appointees who have teaching responsibilities.

[f] These refer to U.S. government funding unless otherwise specified.

THIS SECTION CONTINUED ON NEXT PAGE

VII. INCOME AND EXPENDITURES (CONT.)

Round all figures to the nearest dollar. Specify sources of authorization of U.S. funds by title.

C. RESEARCH EXPENDITURES	Parent Institution				Grants		Endowments		Other (specify)		TOTALS	
	L.S.		Non-L.S.[b]									
	72/73	73/74 Est	72/73	73/74 Est	72/73	73/74 Est	72/73	73/74 Est	72/73	73/74 Est	72/73	73/74 Est
1. Professional salaries												
2. Professional fringe benefits												
3. Consultants												
4. Clerical salaries												
5. Clerical fringe benefits												
6. Faculty travel												
7. Supplies and expenses												
8. Furniture and equipment												
9. Remodeling												
10. Computer time												
11. Library services including salaries												
12. Janitorial services												
13. Other (specify)												
14. Other (specify												
15. Other (specify)												
TOTALS												

D. OTHER (specify, e.g. Publications program) ____________________

1. Professional salaries												
2. Professional fringe benefits												
3. Consultants												
4. Clerical salaries												
5. Clerical fringe benefits												
6. Faculty travel												
7. Supplies and expenses												
8. Furniture and equipment												
9. Remodeling												
10. Computer time												
11. Library services including salaries												
12. Janitorial services												
13. Other (specify)												
14. Other (specify												
15. Other (specify)												
TOTALS												

VIII. U. S. GOVERNMENT SUPPORT PROGRAMS

	Number of Fellowships Received		Number of Fellowship Students Graduated					
			1972			1973		
	1971/72	1972/73	Masters	Post-Masters	Doctoral	Masters	Post-Masters	Doctoral
1. Under Title IIB of HEA								
2. Under other U.S. government programs (specify)								

3. Number of institutes under Title IIB held in 1971/72 ☐ 1972/73 ☐ Approved for 1973/74 ☐

4. Number of institutes under other U.S. government programs held in 1971/72 ☐
1972/73 ☐ Approved for 1973/74 ☐

5. Number of participants instructed during 1971/72 institutes ☐ 1972/73 ☐ Approved for 1973/74 ☐

6. Full-time equivalent faculty members employed from U.S. government funds during 1971/72 ☐
1972/73 ☐ Approved for 1973/74 ☐

7. Do you have any state or regional support programs, e.g., joint appointments with State Library?
☐ Yes ☐ No If yes, please specify______________________________

IX. RELATED SUBJECT FIELDS 1973/74

	Number of Courses Taught 1973/74*
A. INSTRUCTIONAL TECHNOLOGY (media)	
1. Courses taught in the library science program	
2. Courses taught by other departments and accepted for credit by library science program	
B. INFORMATION SCIENCE AND AUTOMATION	
1. Courses taught in the library science program	
2. Courses taught by other departments and accepted for credit by library science program	

C. Is a course in instructional technology required? ☐ Yes ☐ No

D. Is a course in information science required? ☐ Yes ☐ No

E. Do students learn to operate audio-visual equipment?
1. In a required course? ☐ Yes ☐ No 2. In an elective course? ☐ Yes ☐ No
2. In a non-credit laboratory (specify)? ☐ Yes ☐ No 4. Other (specify)? ☐ Yes ☐ No

F. Do students in the library science program use a computer in course work? ☐ Yes ☐ No

X. PROJECTION OF DEGREES TO BE AWARDED

NUMBER OF DEGREES PROJECTED**	73/74	74/75	75/76	76/77	77/78
1. 4-year Bachelors degrees					
2. First professional degrees requiring at least 5 years of study (Masters)					
3. Second-level professional degrees (post-Masters, etc.)					
4. Doctoral degrees					
5. Other (specify)					
6. Other (specify)					

7. Upon what basis did you project the figures given in items 1-6 at left?
____
____
____
____
____

---

*Canadian respondents should report in terms of courses and half-courses.

**Base each estimate upon the academic year and the succeeding summer session(s).

XI. COMMENTS

Section II

Undergraduate Library & Technician Programs

NAME AND ADDRESS OF INSTITUTION AND TITLE OF HEAD OF PROGRAM	NAME OF PROGRAM
	AREA CODE - TELEPHONE NUMBER - EXTENSION

1. Type of educational institution. Check one.

☐ University or four-year college ☐ Community or junior college ☐ Vocational technical

2. Indicate the organization of your school year. Check one.

☐ Semester ☐ Quarter ☐ Trimester ☐ Other (please specify) ______________

I. ENROLLMENT

A. FOR 1971/1972, INCLUDING SUMMER SESSION(S) 1972. Be sure to indicate clearly the specific time period covered, e.g., Semester I, Quarter I, or Summer Session I, in the blank at the top of each column.

Number of students enrolled in library science programs (do not include service courses)	1971/72 Enrollment for ______				1971/72 Enrollment for ______				1971/72 Enrollment for ______			
	FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load		FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load		FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
1. Undergraduate major												
2. Undergraduate minor												
3. Library technician, 2-year program												
4. Library technician, 1-year program												
5. Library science certification candidates and others												

Number of students enrolled in library science programs (do not include service courses)	1971/72 Enrollment for ______				1971/72 Enrollment for ______				1971/72 Enrollment for ______			
	FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load		FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load		FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
1. Undergraduate major												
2. Undergraduate minor												
3. Library technician, 2-year program												
4. Library technician, 1-year program												
5. Library science certification candidates and others												

THIS SECTION CONTINUED ON NEXT PAGE

B. FOR 1972/1973, INCLUDING SUMMER SESSION(S) 1973. Be sure to indicate clearly the specific time period covered, e.g., Semester I, Quarter I, or Summer Session I, in the blank at the top of each column.

Number of students enrolled in library science programs (do not include service courses)	1972/73 Enrollment for ______				1972/73 Enrollment for ______				1972/73 Enrollment for ______			
	FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load		FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load		FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
1. Undergraduate major												
2. Undergraduate minor												
3. Library technician, 2-year program												
4. Library technician, 1-year program												
5. Library science certification candidates and others												

Number of students enrolled in library science programs (do not include service courses)	1972/73 Enrollment for ______				1972/73 Enrollment for ______				1972/73 Enrollment for ______			
	FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load		FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load		FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
1. Undergraduate major												
2. Undergraduate minor												
3. Library technician, 2-year program												
4. Library technician, 1-year program												
5. Library science certification candidates and others												

C. FOR FALL 1973.

Number of students enrolled in library science programs (do not include service courses)	Enrollment for Fall 1973			
	FULL-TIME At least 75% normal load		PART-TIME Less than 75% normal load	
	MEN	WOMEN	MEN	WOMEN
1. Undergraduate major				
2. Undergraduate minor				
3. Library technician, 2-year program				
4. Library technician, 1-year program				
5. Library science certification candidates and others				

II. CURRICULUM 1973/74

A. Course Offerings

	Course Credit Hours*
1. Total number of credit hours of all courses in library science listed in most recent catalog. Omit courses which have not been offered within the past 2 years.	
2. Number of course credit hours primarily for library science major or minor.	
3. Number of credit hours primarily for library technician program.	

B. Program Requirements

1. How many credit hours are required for a library science major?	
2. How many credit hours are required for a library science minor?	
3. How many credit hours are required for an Associate degree (2-year program)?**	
4. How many credit hours are required for a library technician certificate (1-year program)?**	

III. DEGREES AWARDED

	1971/72		1972/73	
	MEN	WOMEN	MEN	WOMEN
1. 2-year Associate degrees				
2. 4-year Bachelors degrees				
3. Technician certificates				

IV. PLACEMENTS AND SALARIES OF GRADUATES

NOTE: Please show salaries on a monthly basis (not annual) and round to the nearest dollar. Do not include decimal points or dollar signs.

	Number of Known Placements	High Salary	Low Salary
1. Academic year 1970/71			
2. Academic year 1971/72			
3. Academic year 1972/73			

V. FACULTY AS OF FALL 1973

Number of faculty members teaching in library science program in Fall 1973	Number of Faculty	Weekly Contact Hrs
1. Faculty devoting full-time to library education		
2. Part-time faculty		

3. Does the head of your program devote full time to administration? ☐ Yes ☐ No

4. If no, specify breakdown of time: a. Percentage of time spent in administration ☐ %

b. Percentage of time spent in teaching ☐ %

c. Percentage of time spent in other (specify) ☐ % ____________

*Report consistently with response with item 2 at top of page 1 above. Canadian schools should report each course as 3 credit hours unless respondent indicates otherwise.

**This refers to total credit hour requirement, not just library science.

4

VI. EXPENDITURES

1. Does the library science education program operate on a separate, identifiable budget? ☐ Yes ☐ No

If yes, please complete questions 2-5. Round all figures to the nearest dollar.
Do not show decimal points or dollar signs.

	Actual 1972/73	Estimated 1973/74
2. Full-time faculty salaries		
3. Part-time faculty salaries		
4. Salaries of support staff		
5. Other expenditures		

VII. RELATED SUBJECT FIELDS 1973/74

	Number of Courses Taught 1973/74*
A. INSTRUCTIONAL TECHNOLOGY (media)	
1. Courses taught in the library science program	
2. Courses taught by other departments and accepted for credit by library science program	
B. INFORMATION SCIENCE AND AUTOMATION	
1. Courses taught in the library science program	
2. Courses taught by other departments and accepted for credit by library science program	

C. Is a course in instructional technology required? ☐ Yes ☐ No

D. Is a course in information science required? ☐ Yes ☐ No

E. Do students learn to operate audio-visual equipment?

1. In a required course? ☐ Yes ☐ No
2. In an elective course? ☐ Yes ☐ No
2. In a non-credit laboratory (specify)? ☐ Yes ☐ No
4. Other (specify)? ☐ Yes ☐ No

F. Do students in the library science program use a computer in course work? ☐ Yes ☐ No

VIII. PROJECTION OF DEGREES TO BE AWARDED

Number of degrees projected**	1973/74	1974/75	1975/76	1976/77	1977/78
1. 2-year Associate degrees					
2. 4-year Bachelors degrees					
3. Technician certificates					

4. Upon what basis did you project the figures given in items 1-3 above?

IX. COMMENTS

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*Canadian respondents should report in terms of courses and half-courses.

**Base each estimate upon the academic year and the succeeding summer session(s).